A2575-1 11/1/82

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *OCTOBER 22, 1982* **NO.** 42

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 10/22/82 | Last Week Ending: 10/15/82 | Last Year Week Ending: 10/23/81 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units * | 11,889 | 12,245 | 12,495 | - 356 | - 606 |
| Operable capacity | 16,663 | 16,663 | 18,230 | 0 | - 1,567 |
| Percent operated | 71.3 | 73.5 | 68.5 | | |
| Motor Gasoline | | | | | |
| Motor gasoline production | 6,207 | 6,300 | 6,293 | - 93 | - 86 |
| Refinery shipments of unleaded motor gasoline | 3,550 | 3,312 | 3,388 | + 238 | + 162 |
| Total Motor gasoline stocks | 232,430 | 234,905 | 237,441 | - 2,475 | - 5,011 |
| Finished unleaded motor gasoline stock | 96,344 | 97,228 | 92,599 | - 884 | + 3,745 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,890 | 2,840 | 2,483 | + 50 | + 407 |
| Distillate fuel oil stocks | 168,862 | 168,722 | 204,888 | + 140 | - 36,026 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 1,046 | 994 | 1,211 | + 52 | - 165 |
| Residual fuel oil stocks | 60,706 | 59,917 | 78,401 | + 789 | - 17,695 |
| Imports | | | | | |
| Crude oil imports | 3,758 | 3,203 | 3,296 | + 555 | + 462 |
| Product imports | 1,260 | 1,084 | 1,023 | + 176 | + 237 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 351,321 | 340,190 | 363,941 | + 11,131 | - 12,620 |

* *SCHEDULED AND UNSCHEDULED SHUTDOWNS FOR REPAIRS CAUSED A DECREASE OF 196,000 BBL. PER DAY IN THE IND., ILL., KY. DISTRICT AND A 121,000 BBL. PER DAY IN THE TEXAS GULF COAST DISTRICT.*

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*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.*

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# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *OCTOBER* 22, 1982 **NO.** 42

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|---|
| East Coast | 1,085 | 1,007 | 918 | 1,033 | 1,569 | 65.8 |
| Appal. No. 1 | 51 | 51 | -- | 51 | 98 | 52.0 |
| **DISTRICT 1 TOTAL** | 1,136 | 1,058 | 918 | 1,084 | 1,667 | 65.0 |
| Appal. No. 2 | 58 | 58 | 3 | 58 | 66 | 87.9 |
| Ind., Ill., Ky. | 1,745● | 1,549● | 394● | 1,589 | 2,399 | 66.2 |
| Minn., Wis., Daks. | 290 | 273 | 130 | 284 | 293 | 96.9 |
| Okla., Kans., Mo. | 802 | 737 | 41 | 750 | 858 | 87.4 |
| **DISTRICT 2 TOTAL** | 2,895● | 2,617● | 568● | 2,681 | 3,616 | 74.1 |
| Inland Texas | 448 | 442 | 14 | 474 | 592 | 80.1 |
| Texas Gulf Coast | 3,293 | 2,920 | 890 | 2,944 | 3,993 | 73.7 |
| La. Gulf Coast | 2,252 | 1,992 | 719 | 2,128 | 2,728 | 78.0 |
| N. La. and Ark. | 179 | 167 | 10 | 170 | 314 | 54.1 |
| New Mexico | 105 | 69 | -- | 72 | 117 | 61.5 |
| **DISTRICT 3 TOTAL** | 6,277 | 5,590 | 1,633 | 5,788 | 7,744 | 74.7 |
| **DISTRICT 4 TOTAL** | 459 | 426 | 46 | 433 | 553 | 78.3 |
| **DISTRICT 5 TOTAL** | 2,061 | 1,846 | 195 | 1,903 | 3,083 | 61.7 |
| **TOTAL U.S.** | 12,828 | 11,537 | 3,360 | 11,889 | 16,663 | 71.3 |
| **TOTAL U.S. Weeks Ended:** | | | | | | |
| *OCT*. 15, 1982 | 13,089● | 11,840● | 3,506● | 12,245 | 16,663 | 73.5 |
| *OCT*. 23, 1981 | 12,999 | 12,196 | 4,086 | 12,495 | 18,230 | 68.5 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | |
| *OCT*. 22, 1982 | 10,767 | 9,691 | 3,165 | 9,986 | 13,580 | 73.5 |
| *OCT*. 15, 1982 | 11,023● | 9,961● | 3,337● | 10,332 | 13,580 | 76.1 |
| *OCT*. 23, 1981 | 10,742 | 10,063 | 3,809 | 10,322 | 15,068 | 68.5 |

[1] Included in the Crude Oil Runs to Distillation Units.

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** OCTOBER 22, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 581 | 399 | 11 | 22 | 5 | 308 | 100 |
| Appal. No. 1 | 13 | 4 | 1 | 2 | -- | 15 | -- |
| **DISTRICT 1 TOTAL** | 594 | 403 | 12 | 24 | 5 | 323 | 100 |
| Appal. No. 2 | 39 | 18 | -- | 4 | -- | 14 | 2 |
| Ind., Ill., Ky. | 937 | 567 | 15 | 116 | 14 | 362 | 45 |
| Minn., Wis., Daks. | 160 | 64 | 6 | 8 | 2 | 75 | 10 |
| Okla., Kans., Mo. | 449 | 181 | 9 | 25 | 9 | 226 | 15 |
| **DISTRICT 2 TOTAL** | 1,585 | 830 | 30 | 153 | 25 | 677 | 72 |
| Inland Texas | 263 | 152 | 19 | 20 | 1 | 112 | 25 |
| Texas Gulf Coast | 1,490 | 962 | 30 | 203 | 25 | 840 | 249 |
| La. Gulf Coast | 1,042 | 561 | 9 | 216 | 45 | 429 | 218 |
| N. La. and Ark. | 48 | 12 | 8 | 1 | -- | 47 | 19 |
| New Mexico | 58 | 22 | 10 | 2 | 5 | 37 | 5 |
| **DISTRICT 3 TOTAL** | 2,901 | 1,709 | 76 | 442 | 76 | 1,465 | 516 |
| **DISTRICT 4 TOTAL** | 223 | 78 | 18 | 21 | -- | 114 | 8 |
| **DISTRICT 5 TOTAL** | 904 | 530 | 43 | 209 | 2 | 311 | 350 |
| **TOTAL U.S.** | 6,207 | 3,550 | 179 | 849 | 108 | 2,890 | 1,046 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| OCT. 15, 1982 | 6,300 | 3,312 | 198 | 752 | 115 | 2,840 | 994 |
| OCT. 23, 1981 | 6,293 | 3,388 | 223 | 668 | 105 | 2,483 | 1,211 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| OCT. 22, 1982 | 5,303 | 3,020 | 136 | 640 | 106 | 2,579 | 696 |
| OCT. 15, 1982 | 5,327 | 2,800 | 152 | 567 | 112 | 2,527 | 691 |
| OCT. 23, 1981 | 5,364 | 2,865 | 166 | 479 | 97 | 2,156 | 814 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *OCTOBER* 22, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | | |
| New England | 5,058 | 2,576 | 109 | 831 | 1,007 | 15,176 | 3,086 | -- |
| Central Atlantic | 29,377 | 13,363 | 228 | 3,985 | 1,954 | 42,896 | 20,661 | 15,124 |
| Lower Atlantic | 26,883 | 14,812 | 102 | 3,955 | 1,512 | 15,425 | 5,778 | 552 |
| East Coast | 57,356 | 28,584 | 402 | 8,482 | 4,161 | 70,238 | 29,284 | 14,547 |
| Appal. No. 1 | 3,962 | 2,167 | 37 | 289 | 312 | 3,259 | 241 | 1,129 |
| **DISTRICT 1 TOTAL** | 61,318 | 30,751 | 439 | 8,771 | 4,473 | 73,497 | 29,525 | 15,676 |
| Appal. No. 2 | 3,430 | 1,614 | 5 | 205 | 339 | 2,364 | 284 | 158 |
| Ind., Ill., Ky. | 38,743● | 16,244 | 375 | 4,863 | 2,249 | 23,663● | 3,177 | 14,426 |
| Minn., Wis., Daks. | 7,190 | 2,980 | 170 | 464 | 126 | 6,654 | 421 | 512 |
| Okla., Kans., Mo. | 20,215● | 8,224 | 673 | 2,182 | 636 | 13,592 | 1,134 | 5,933 |
| **DISTRICT 2 TOTAL** | 69,578● | 29,062 | 1,223 | 7,714 | 3,350 | 46,273● | 5,016 | 21,029 |
| Inland Texas | 8,139 | 2,914 | 536 | 1,006 | 105 | 3,248 | 312 | 2,842 |
| Texas Gulf Coast | 29,560 | 9,908 | 1,075 | 4,783 | 1,426 | 16,214 | 8,103 | 29,345 |
| La. Gulf Coast | 19,152 | 6,337 | 590 | 3,603 | 742 | 9,872 | 7,139 | 16,177 |
| N. La. and Ark. | 9,950 | 5,341 | 411 | 1,569 | 435 | 6,392 | 508 | 1,120 |
| New Mexico | 763 | 252 | 424 | 123 | 24 | 426 | 77 | 385 |
| **DISTRICT 3 TOTAL** | 67,564 | 24,752 | 3,036 | 11,084 | 2,732 | 36,152 | 16,139 | 49,869 |
| **DISTRICT 4 TOTAL** | 5,986 | 1,630 | 276 | 759 | 48 | 3,220 | 509 | 2,965 |
| **DISTRICT 5 TOTAL** | 27,982 | 10,149 | 1,321 | 5,812 | 328 | 9,720 | 9,517 | 24,857 |
| **TOTAL U.S.** | 232,430 | 96,344* | 6,295 | 34,140 | 10,931 | 168,862 | 60,706 | 114,396 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | |
| *OCT*. 15, 1982 | 234,905● | 97,228 | 5,983 | 33,377 | 11,149 | 168,722● | 59,917 | 116,063 |
| *OCT*. 23, 1981 | 237,441 | 92,599 | 6,246 | 35,462 | 12,623 | 204,888 | 78,401 | 118,201 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | | |
| *OCT*. 22, 1982 | 204,448 | 86,195 | 4,974 | 28,328 | 10,603 | 159,142 | 51,189 | 89,539 |
| *OCT*. 15, 1982 | 206,480● | 86,739 | 4,664 | 27,836 | 10,789 | 158,892● | 50,589 | 91,058 |
| *OCT*. 23, 1981 | 208,054 | 82,121 | 4,979 | 29,717 | 12,314 | 192,745 | 67,122 | 90,110 |

[1] Included in Total Motor Gasoline stocks.

[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE* 7.

**INCLUDES* 22,766 *BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*
*DIST*. 1: 2,804 *DIST*. 2: 5,870 *DIST*. 3: 9,543 *DIST*. 4: 560 *DIST*. 5: 3,989

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy *JUNE* 1982 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | ----------------------- | Daily Average | ----------------------- | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *OCT*. 22, 1982 | 5,882.5 | 5,864.0 | 3,594 | 129 | 254,779 |
| *OCT*. 15, 1982 | 5,882.5 | -- | 3,058 | 134 | 249,181 |
| *OCT*. 8, 1982 | 5,882.5 | -- | 3,307 | 161 | 251,023 |
| *OCT*. 1, 1982 | 5,881.5 | -- | 3,461 | 183 | 255,987 |
| **DISTRICT 5 TOTAL** | | | | | |
| *OCT*. 22, 1982 | 2,797.9 | 2,768.0 | 164 | -- | 96,542 * |
| *OCT*. 15, 1982 | 2,797.9 | -- | 145 | 28 | 91,009 |
| *OCT*. 8, 1982 | 2,797.9 | -- | 292 | 16 | 97,330 |
| *OCT*. 1, 1982 | 2,802.8 | -- | 37 | -- | 94,278 |

**INCLUDES* 38,885 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *OCT*. 22, 1982 | 8,680.4 | 8,632.0 | 3,758 | 129 | 351,321 * |
| *OCT*. 15, 1982 | 8,680.4 | -- | 3,203 | 162 | 340,190 |
| *OCT*. 8, 1982 | 8,680.4 | -- | 3,599 | 177 | 348,353 |
| *OCT*. 1, 1982 | 8,684.3 | -- | 3,498 | 183 | 350,265 |
| *OCT*. 23, 1981 | 8,546.5/*A* | -- | 3,296 | 138 | 363,941 |

*/A DOE ACTUAL FOR OCTOBER* 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | Week Ended *OCTOBER* 22, 1982 Domestic | Foreign | Total | Week Ended *OCTOBER* 23, 1981. Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| PAD District 1 | 4,009 | 15,368 | 19,377 | 4,999 | 15,525 | 20,524 |
| PAD District 2 | 57,180 | 11,821 | 69,001 | 65,111 | 11,415 | 76,526 |
| PAD District 3 | 113,933 | 40,677 | 154,610 | 124,218 | 44,549 | 168,767 |
| PAD District 4 | 10,443 | 1,348 | 11,791 | 16,471 | 707 | 17,178 |
| **TOTAL PAD DISTRICTS 1—4** | 185,565 | 69,214 | 254,779 | 210,799 | 72,196 | 282,995 |
| **PAD District 5** | 92,157 | 4,385 | 96,542 * | 73,984 | 6,962 | 80,946 |
| **TOTAL U.S.** | 277,722 | 73,599 | 351,321 * | 284,783 | 79,158 | 363,941 |

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[1] See definitional notes, Page 6.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | | | | | | | | | |
| New England | -- | -- | -- | -- | -- | 112 | -- | 43 | -- | -- | -- | -- | -- | -- | 155 |
| Central Atlantic | 115 | 56 | 13 | 7 | 10 | -- | -- | 584 | 4 | -- | -- | -- | 2 | 38 | 773 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **DISTRICT 1 TOTAL[2]** | | | | | | | | | | | | | | | |
| *OCT*. 22, 1982 | 115 | 56 | 13 | 7 | 10 | 112 | -- | 627 | 4 | -- | -- | -- | 2 | 38 | 928 |
| *OCT*. 15, 1982 | 94 | 44 | -- | -- | 4 | 66 | -- | 354 | 4 | -- | 31 | -- | -- | 114 | 667 |
| *OCT*. 8, 1982 | 134 | 46 | -- | -- | 5 | 68 | -- | 478 | 10 | -- | -- | -- | 6 | 36 | 737 |
| *OCT*. 1, 1982 | 124 | 46 | 4 | 9 | 5 | 66 | -- | 741 | 22 | -- | -- | -- | 2 | 87 | 1,060 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| *OCT*. 22, 1982 | 11 | 2 | -- | -- | -- | 3 | -- | 64 | 124 | -- | 1 | 3 | -- | 38 | 244 |
| *OCT*. 15, 1982 | 15 | 2 | -- | -- | -- | 6 | -- | 50 | 107 | -- | 16 | -- | -- | 70 | 264 |
| *OCT*. 8, 1982 | 16 | 3 | -- | -- | -- | 6 | -- | 83 | 154 | -- | 4 | 6 | -- | 27 | 296 |
| *OCT*. 1, 1982 | 15 | 3 | -- | -- | -- | 6 | -- | 123 | 145 | -- | 8 | 2 | -- | 32 | 331 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| *OCT*. 22, 1982 | 41 | 13 | 3 | 7 | -- | 9 | -- | 15 | 12 | -- | -- | 1 | -- | -- | 88 |
| *OCT*. 15, 1982 | 91 | 14 | -- | -- | -- | 6 | -- | 25 | 14 | -- | -- | 1 | -- | 16 | 153 |
| *OCT*. 8, 1982 | 38 | 13 | -- | -- | -- | 4 | -- | 25 | 13 | -- | -- | 1 | -- | 83 | 164 |
| *OCT*. 1, 1982 | 43 | 13 | 2 | 2 | -- | 6 | -- | 25 | 13 | -- | 2 | 1 | -- | 16 | 110 |
| **TOTAL U.S.** | 167 | 71 | 16 | 14 | 10 | 124 | -- | 706 | 140 | -- | 1 | 4 | 2 | 76 | 1,260 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | | | | | | | | | | |
| *OCT*. 15, 1982 | 200 | 60 | -- | -- | 4 | 78 | -- | 429 | 125 | -- | 47 | 1 | -- | 200 | 1,084 |
| *OCT*. 8, 1982 | 188 | 62 | -- | -- | 5 | 78 | -- | 586 | 177 | -- | 4 | 7 | 6 | 146 | 1,197 |
| *OCT*. 1, 1982 | 182 | 62 | 6 | 11 | 5 | 78 | -- | 889 | 180 | -- | 10 | 3 | 2 | 135 | 1,501 |
| *OCT*. 23, 1981 | 118 | 41 | 10 | 4 | -- | 102 | -- | 586 | 164 | -- | 8 | 13 | -- | 18 | 1,023 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

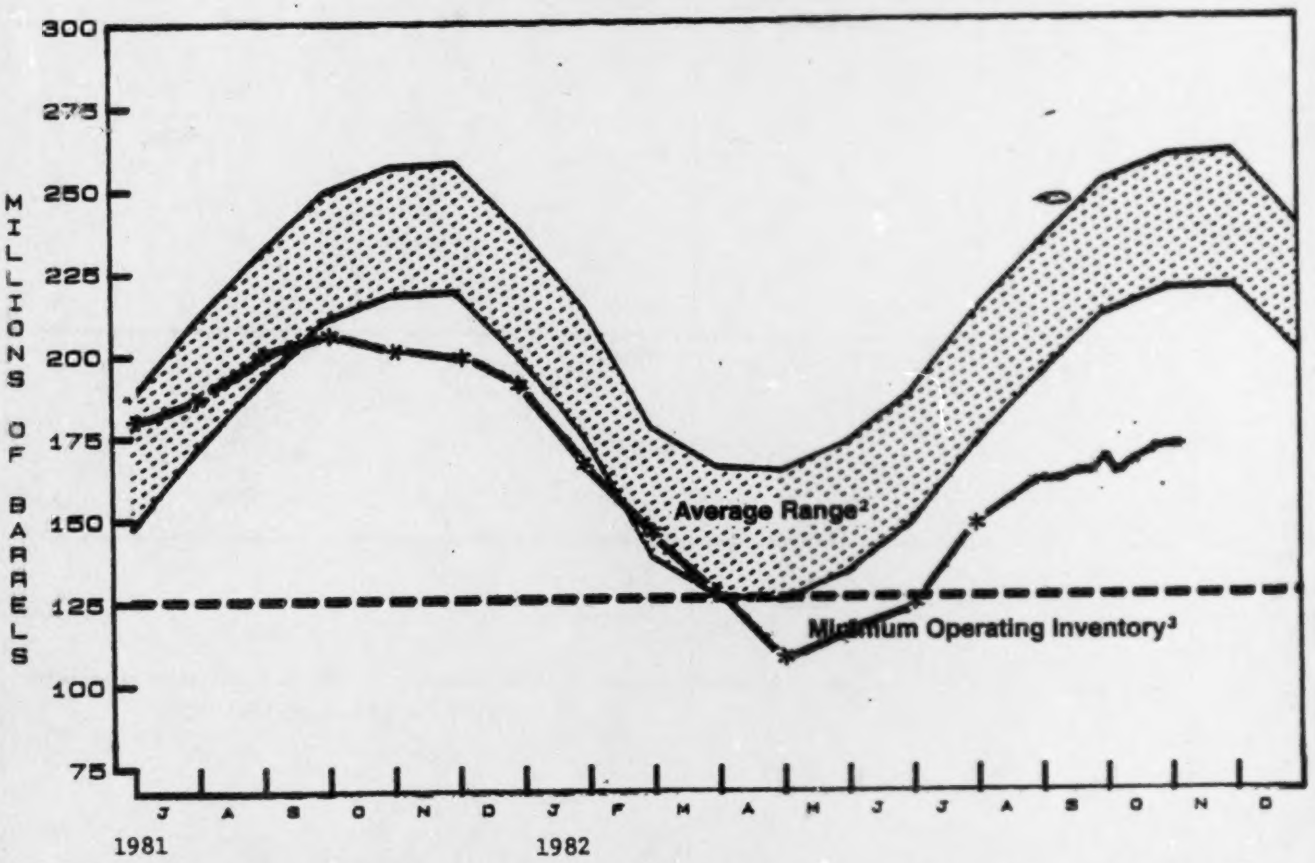
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 10/15/82 | PAGE 1 | TOTAL REFINERY INPUT | IND., ILL., KY. | 1,833 |
| | | | DISTRICT 2 TOTAL | 2,918 |
| | | | TOTAL U.S. | 13,089 |
| | | | DISTRICTS 1-4 | 11,023 |
| | | CRUDE OIL RUNS | IND., ILL., KY. | 1,726 |
| | | | DISTRICT 2 TOTAL | 2,724 |
| | | | TOTAL U.S. | 11,840 |
| | | | DISTRICTS 1-4 | 9,961 |
| | | FOREIGN CRUDE RUNS | IND., ILL., KY. | 419 |
| | | | DISTRICT 2 TOTAL | 553 |
| | | | TOTAL U.S. | 3,506 |
| | | | DISTRICTS 1-4 | 3,337 |
| | PAGE 3 | TOTAL MGAS | IND., ILL., KY. | 39,688 |
| | | | OKLA., KANS., MO. | 20,175 |
| | | | DISTRICT 2 TOTAL | 70,434 |
| | | | TOTAL U.S. | 234,905 |
| | | | DISTRICTS 1-4 | 206,480 |
| | | DISTILLATE FUEL | IND., ILL., KY. | 24,003 |
| | | | DISTRICT 2 TOTAL | 46,267 |
| | | | TOTAL U.S. | 168,722 |
| | | | DISTRICTS 1-4 | 158,892 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

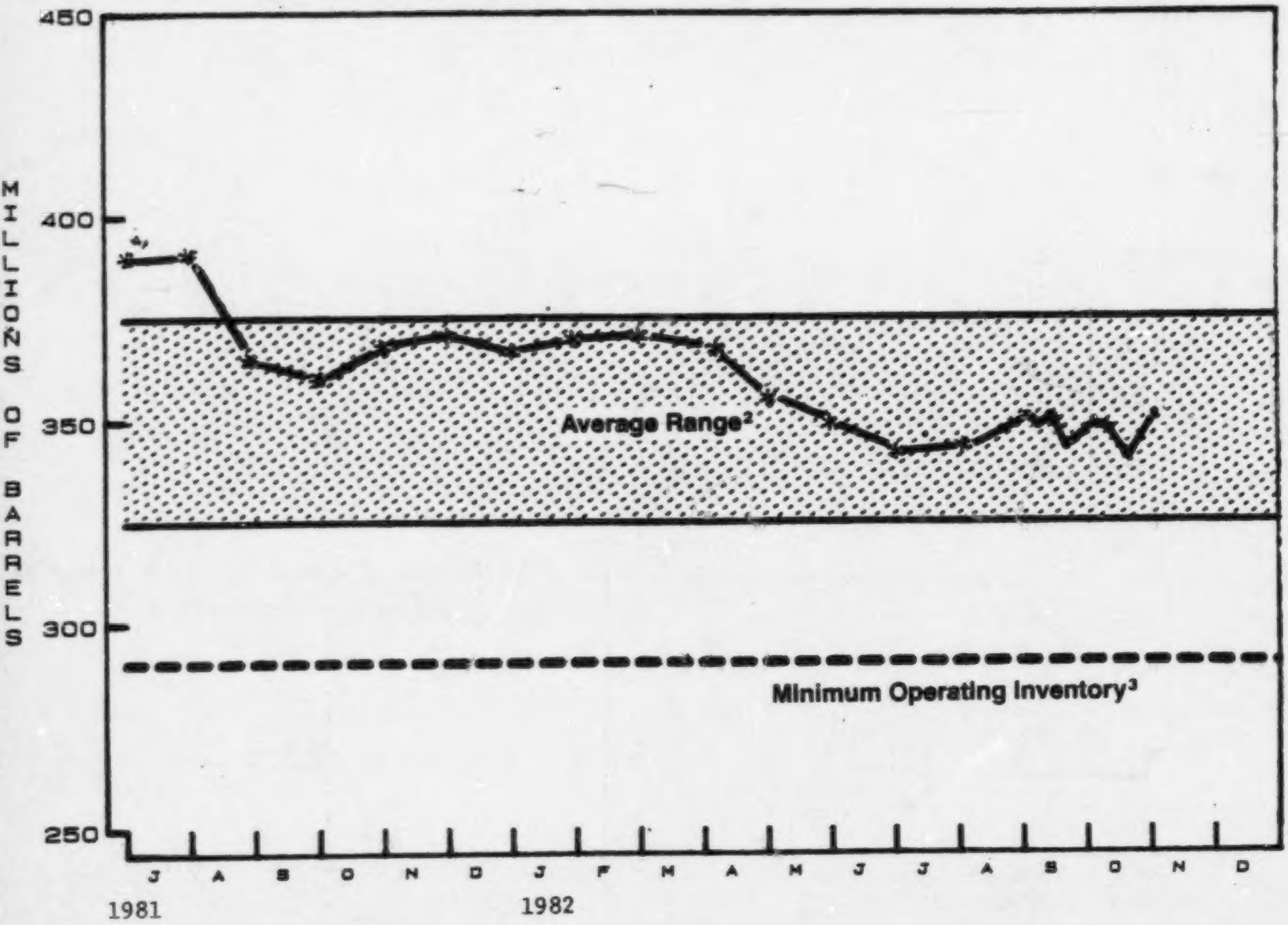
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended October 22, 1982

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

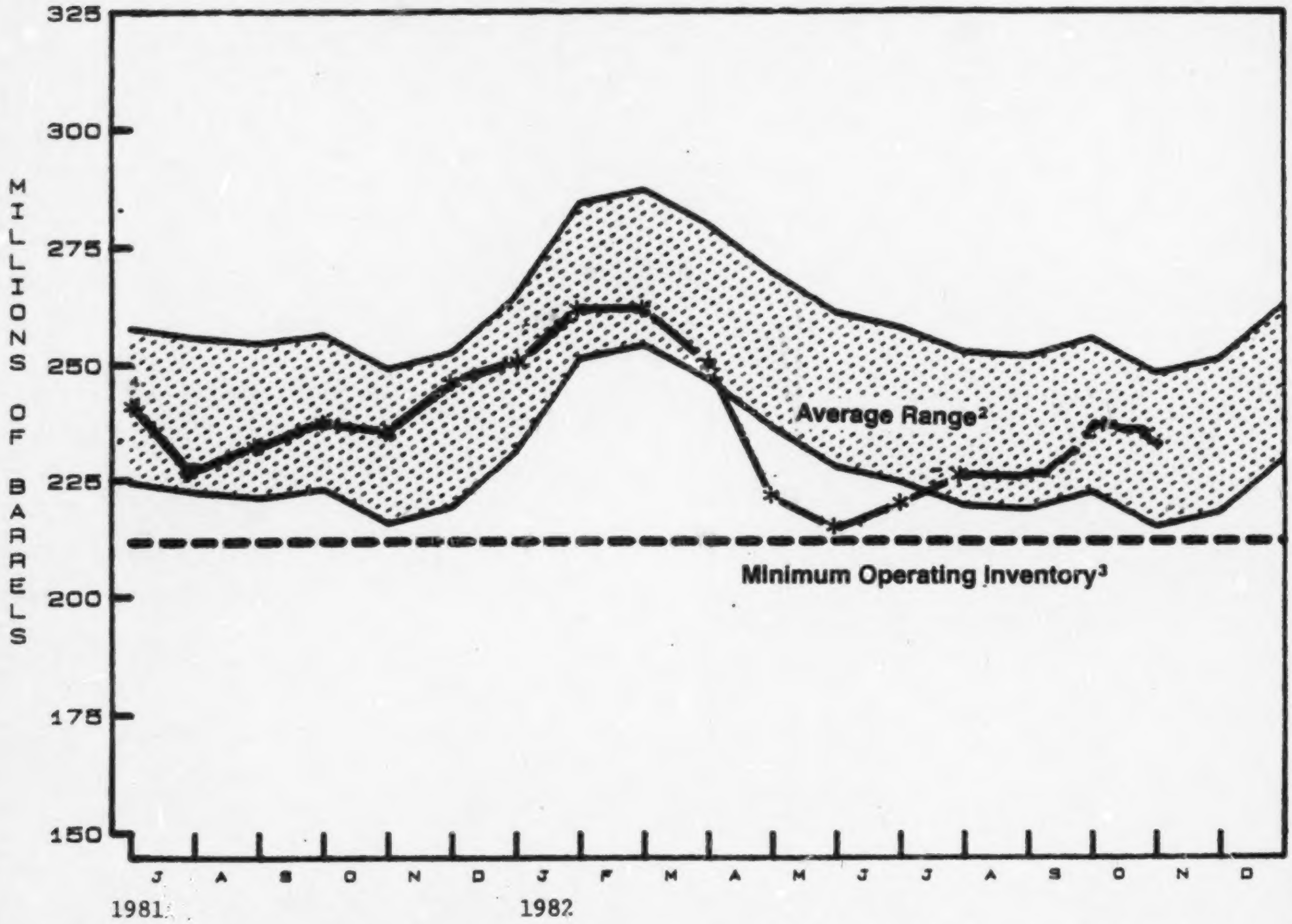
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source:
*— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 11/8/82

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL. 63 For Week Ended** OCTOBER 29, 1982 **NO.** 43

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 10/29/82 | Last Week Ending: 10/22/82 | Last Year Week Ending: 10/30/81 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 11,907 | 11,889 | 12,452 | + 18 | - 545 |
| Operable capacity | 16,663 | 16,663 | 18,230 | 0 | - 1,567 |
| Percent operated | 71.5 | 71.3 | 68.3 | | |
| **Motor Gasoline** | | | | | |
| Motor gasoline production | 6,374 | 6,207 | 6,373 | + 167 | + 1 |
| Refinery shipments of unleaded motor gasoline | 3,519 | 3,550 | 3,374 | - 31 | + 145 |
| Total Motor gasoline stocks | 231,934 | 233,194 | 236,480 | - 1,260 | - 4,546 |
| Finished unleaded motor gasoline stock | 96,509 | 96,769 | 91,743 | - 260 | + 4,766 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,920 | 2,890 | 2,546 | + 30 | + 374 |
| Distillate fuel oil stocks | 168,901 | 169,590 | 200,785 | - 689 | - 31,884 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 976 | 1,046 | 1,301 | - 70 | - 325 |
| Residual fuel oil stocks | 60,947 | 60,746 | 75,349 | + 201 | - 14,402 |
| **Imports** | | | | | |
| Crude oil imports | 3,512 | 3,758 | 3,966 | - 246 | - 454 |
| Product imports | 1,609 | 1,260 | 951 | + 349 | + 658 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 353,071 | 351,321 | 365,997 | + 1,750 | - 12,926 |

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*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.*

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *OCTOBER* 29, 1982 **NO.** 43

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|---|
| East Coast | 1,205 | 1,084 | 1,019 | 1,111 | 1,569 | 70.8 |
| Appal. No. 1 | 56 | 53 | -- | 55 | 98 | 56.1 |
| **DISTRICT 1 TOTAL** | 1,261 | 1,137 | 1,019 | 1,166 | 1,667 | 69.9 |
| Appal. No. 2 | 62 | 58 | 5 | 62 | 66 | 93.9 |
| Ind., Ill., Ky. | 1,593● | 1,366● | 462 | 1,430 | 2,399 | 59.6 |
| Minn., Wis., Daks. | 291 | 263 | 123 | 286 | 293 | 97.6 |
| Okla., Kans., Mo. | 749 | 673 | 42 | 686 | 858 | 80.0 |
| **DISTRICT 2 TOTAL** | 2,695● | 2,360● | 632 | 2,464 | 3,616 | 68.1 |
| Inland Texas | 533 | 459 | 14 | 489 | 592 | 82.6 |
| Texas Gulf Coast | 3,237 | 2,922 | 977 | 2,962 | 3,993 | 74.2 |
| La. Gulf Coast | 2,294 | 2,015 | 683 | 2,114 | 2,728 | 77.5 |
| N. La. and Ark. | 189 | 170 | 15 | 172 | 314 | 54.8 |
| New Mexico | 111 | 81 | -- | 85 | 117 | 72.6 |
| **DISTRICT 3 TOTAL** | 6,364 | 5,647 | 1,689 | 5,822 | 7,744 | 75.2 |
| **DISTRICT 4 TOTAL** | 449 | 427 | 46 | 434 | 553 | 78.5 |
| **DISTRICT 5 TOTAL** | 2,030 | 1,983 | 216 | 2,021 | 3,083 | 65.6 |
| **TOTAL U.S.** | 12,799 | 11,554 | 3,602 | 11,907 | 16,663 | 71.5 |
| **TOTAL U.S. Weeks Ended:** | | | | | | |
| *OCT.* 22, 1982 | 12,813● | 11,522● | 3,360 | 11,889 | 16,663 | 71.3 |
| *OCT.* 30, 1981 | 13,049 | 12,123 | 4,007 | 12,452 | 18,230 | 68.3 |
| **DISTRICTS 1--4 Weeks Ended:** | | | | | | |
| *OCT.* 29, 1982 | 10,769 | 9,571 | 3,386 | 9,886 | 13,580 | 72.8 |
| *OCT.* 22, 1982 | 10,752● | 9,676● | 3,165 | 9,986 | 13,580 | 73.5 |
| *OCT.* 30, 1981 | 10,876 | 10,108 | 3,813 | 10,406 | 15,068 | 69.1 |

[1] Included in the Crude Oil Runs to Distillation Units.

● *SEE REVISIONS ON PAGE* 7.

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | |
| East Coast | 641 | 372 | 14 | 42 | 36 | 290 | 98 |
| Appal. No. 1 | 13 | 6 | 1 | -- | -- | 17 | 2 |
| **DISTRICT 1 TOTAL** | 654 | 378 | 15 | 42 | 36 | 307 | 100 |
| Appal. No. 2 | 35 | 22 | -- | 3 | -- | 14 | 4 |
| Ind., Ill., Ky. | 901 | 554 | 13 | 79 | 15 | 362 | 50 |
| Minn., Wis., Daks. | 152 | 105 | 1 | 5 | 1 | 77 | 12 |
| Okla., Kans., Mo. | 463 | 198 | 15 | 36 | -- | 257 | 20 |
| **DISTRICT 2 TOTAL** | 1,551 | 879 | 29 | 123 | 16 | 710 | 86 |
| Inland Texas | 249 | 159 | 28 | 21 | 2 | 119 | 22 |
| Texas Gulf Coast | 1,482 | 926 | 29 | 208 | 27 | 815 | 227 |
| La. Gulf Coast | 1,118 | 527 | 9 | 244 | 54 | 429 | 182 |
| N. La. and Ark. | 61 | 15 | 7 | -- | -- | 53 | 17 |
| New Mexico | 57 | 21 | 4 | -- | 7 | 51 | 6 |
| **DISTRICT 3 TOTAL** | 2,967 | 1,648 | 77 | 473 | 90 | 1,467 | 454 |
| **DISTRICT 4 TOTAL** | 243 | 83 | 14 | 14 | 2 | 114 | 9 |
| **DISTRICT 5 TOTAL** | 959 | 531 | 46 | 211 | -- | 322 | 327 |
| **TOTAL U.S.** | 6,374 | 3,519 | 181 | 863 | 144 | 2,920 | 976 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| OCT. 22, 1982 | 6,207 | 3,550 | 179 | 849 | 108 | 2,890 | 1,046 |
| OCT. 30, 1981 | 6,373 | 3,374 | 219 | 722 | 90 | 2,546 | 1,301 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| OCT. 29, 1982 | 5,415 | 2,988 | 135 | 652 | 144 | 2,598 | 649 |
| OCT. 22, 1982 | 5,303 | 3,020 | 136 | 640 | 106 | 2,579 | 696 |
| OCT. 30, 1981 | 5,441 | 2,821 | 180 | 515 | 87 | 2,212 | 927 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** OCTOBER 29, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| New England | 5,589● | 2,881● | 109 | 733 | 901 | 15,993● | 2,506 | -- |
| Central Atlantic | 29,726● | 13,953● | 240 | 4,756 | 2,062 | 43,918● | 22,485● | 14,342 |
| Lower Atlantic | 26,652● | 14,179● | 94 | 3,615 | 1,437 | 16,036● | 5,997● | 513 |
| East Coast | 57,836● | 28,820● | 414 | 8,808 | 4,119 | 72,799● | 30,676● | 13,734 |
| Appal. No. 1 | 4,131● | 2,193 | 29 | 296 | 281 | 3,148● | 312● | 1,121 |
| **DISTRICT 1 TOTAL** | 61,967● | 31,013● | 443 | 9,104 | 4,400 | 75,947● | 30,988● | 14,855 |
| Appal. No. 2 | 2,968 | 1,339 | 4 | 195 | 315 | 2,213 | 263 | 141 |
| Ind., Ill., Ky. | 36,820 | 15,684 | 456 | 4,309 | 2,275 | 23,561 | 3,168 | 13,932 |
| Minn., Wis., Daks. | 6,983 | 2,712 | 147 | 475 | 130 | 6,482 | 438 | 555 |
| Okla., Kans., Mo. | 19,867 | 7,633 | 575 | 2,141 | 421 | 12,495 | 1,075● | 5,846 |
| **DISTRICT 2 TOTAL** | 66,638 | 27,368 | 1,182 | 7,120 | 3,141 | 44,751 | 4,944● | 20,474 |
| Inland Texas | 7,182 | 2,948 | 528 | 1,383 | 119 | 3,344 | 303 | 2,946 |
| Texas Gulf Coast | 30,054 | 10,713● | 1,065 | 4,251 | 1,279 | 16,817 | 7,319● | 28,169 |
| La. Gulf Coast | 19,998 | 6,217 | 545 | 3,886 | 929 | 9,580 | 6,393 | 16,012 |
| N. La. and Ark. | 10,701 | 6,090 | 400 | 1,924 | 280 | 5,761 | 507 | 1,059 |
| New Mexico | 740 | 238 | 442 | 104 | 30 | 439 | 80 | 437 |
| **DISTRICT 3 TOTAL** | 68,675 | 26,206● | 2,980 | 11,548 | 2,637 | 35,941 | 14,602● | 48,623 |
| **DISTRICT 4 TOTAL** | 6,348● | 1,692 | 346 | 770 | 45 | 3,116 | 466 | 2,886 |
| **DISTRICT 5 TOTAL** | 28,306 | 10,230 | 1,255 | 5,877 | 248 | 9,146 | 9,947● | 24,877 |
| **TOTAL U.S.** | 231,934 | 96,509* | 6,206 | 34,419 | 10,471 | 168,901 | 60,947 | 111,715 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | |
| OCT. 22, 1982 | 233,194● | 96,769● | 6,295 | 34,140 | 10,931 | 169,590● | 60,746● | 114,396 |
| OCT. 30, 1981 | 236,480 | 91,743 | 6,060 | 36,274 | 12,392 | 200,785 | 75,349 | 110,139 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | | |
| OCT. 29, 1982 | 203,628 | 86,279 | 4,951 | 28,542 | 10,223 | 159,755 | 51,000 | 86,838 |
| OCT. 22, 1982 | 205,212● | 86,620● | 4,974 | 28,328 | 10,603 | 159,870● | 51,116● | 89,539 |
| OCT. 30, 1981 | 207,177 | 81,298 | 4,779 | 30,177 | 12,099 | 188,773 | 65,821 | 90,734 |

[1] Included in Total Motor Gasoline stocks.

[2] Includes Grade No. 4 fuel oil

● SEE REVISIONS ON PAGE 7.

*INCLUDES 23,114● BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:
DIST. 1: 3,267 DIST. 2: 5,862 DIST. 3: 9,013● DIST. 4: 607 DIST. 5: 4,365

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | **API Monthly** | **Latest Dept. of Energy** *JUNE* 1982 | **Total** | **From Canada** | **Crude Oil Stocks By Location[1]** |
| | ----------Daily Average---------- | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *OCT.* 29, 1982 | 5,882.5 | 5,864.0 | 3,304 | 142 | 258,944 |
| *OCT.* 22, 1982 | 5,882.5 | -- | 3,594 | 129 | 254,779 |
| *OCT.* 15, 1982 | 5,882.5 | -- | 3,058 | 134 | 249,181 |
| *OCT.* 8, 1982 | 5,882.5 | -- | 3,307 | 161 | 251,023 |
| **DISTRICT 5 TOTAL** | | | | | |
| *OCT.* 29, 1982 | 2,797.9 | 2,768.0 | 208 | 14 | 94,127 * |
| *OCT.* 22, 1982 | 2,797.9 | -- | 164 | -- | 96,542 |
| *OCT.* 15, 1982 | 2,797.9 | -- | 145 | 28 | 91,009 |
| *OCT.* 8, 1982 | 2,797.9 | -- | 292 | 16 | 97,330 |

**INCLUDES* 38,549 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *OCT.* 29, 1982 | 8,680.4 | 8,632.0 | 3,512 | 156 | 353,071 * |
| *OCT.* 22, 1982 | 8,680.4 | -- | 3,758 | 129 | 351,321 |
| *OCT.* 15, 1982 | 8,680.4 | -- | 3,203 | 162 | 340,190 |
| *OCT.* 8, 1982 | 8,680.4 | -- | 3,599 | 177 | 348,353 |
| *OCT.* 30, 1981 | 8,546.5 */A* | -- | 3,966 | 159 | 365,997 |

*/A - DOE ACTUAL FOR OCTOBER* 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| | Week Ended *OCT.* 29, 1982 | | | Week Ended *OCT.* 30, 1981 | | |
|---|---|---|---|---|---|---|
| **Location** | **Domestic** | **Foreign** | **Total** | **Domestic** | **Foreign** | **Total** |
| PAD District 1 | 4,254 | 13,547 | 17,801 | 4,813 | 15,736 | 20,549 |
| PAD District 2 | 59,981 | 11,740 | 71,721 | 68,265 | 10,981 | 79,246 |
| PAD District 3 | 116,528 | 40,664 | 157,192 | 125,599 | 43,117 | 168,716 |
| PAD District 4 | 10,778 | 1,452 | 12,230 | 16,089 | 837 | 16,926 |
| **TOTAL PAD DISTRICTS 1—4** | 191,541 | 67,403 | 258,944 | 214,766 | 70,671 | 285,437 |
| **PAD District 5** | 89,794 | 4,333 | 94,127 * | 73,604 | 6,956 | 80,560 |
| **TOTAL U.S.** | 281,335 | 71,736 | 353,071 * | 288,370 | 77,627 | 365,997 |

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[1] See definitional notes, Page 6.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | 76 | -- | -- | -- | -- | -- | -- | 117 | 3 | -- | -- | -- | -- | -- | 196 |
| Central Atlantic | 147 | 47 | 5 | 12 | 59 | 88 | -- | 355 | 3 | 4 | -- | -- | 2 | 127 | 802 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 141 | -- | -- | -- | -- | -- | -- | 141 |
| **DISTRICT 1 TOTAL[2]** | | | | | | | | | | | | | | | |
| OCT. 29, 1982 | 223 | 47 | 5 | 12 | 59 | 88 | -- | 613 | 6 | 4 | -- | -- | 2 | 127 | 1,139 |
| OCT. 22, 1982 | 115 | 56 | 13 | 7 | 10 | 112 | -- | 627 | 4 | -- | -- | -- | 2 | 38 | 928 |
| OCT. 15, 1982 | 94 | 44 | -- | -- | 4 | 66 | -- | 354 | 4 | -- | 31 | -- | -- | 114 | 667 |
| OCT. 8, 1982 | 134 | 46 | -- | -- | 5 | 68 | -- | 478 | 10 | -- | -- | -- | 6 | 36 | 737 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| OCT. 29, 1982 | 12 | 3 | -- | -- | -- | 5 | -- | 61 | 193 | 39 | 7 | 7 | -- | 42 | 366 |
| OCT. 22, 1982 | 11 | 2 | -- | -- | -- | 3 | -- | 64 | 124 | -- | 1 | 3 | -- | 38 | 244 |
| OCT. 15, 1982 | 15 | 2 | -- | -- | -- | 6 | -- | 50 | 107 | -- | 16 | -- | -- | 70 | 264 |
| OCT. 8, 1982 | 16 | 3 | -- | -- | -- | 6 | -- | 83 | 154 | -- | 4 | 6 | -- | 27 | 296 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| OCT. 29, 1982 | 59 | 14 | 1 | 2 | -- | 7 | -- | 10 | 14 | -- | -- | 1 | -- | 10 | 104 |
| OCT. 22, 1982 | 41 | 13 | 3 | 7 | -- | 9 | -- | 15 | 12 | -- | -- | 1 | -- | -- | 88 |
| OCT. 15, 1982 | 91 | 14 | -- | -- | -- | 6 | -- | 25 | 14 | -- | -- | 1 | -- | 16 | 153 |
| OCT. 8, 1982 | 38 | 13 | -- | -- | -- | 4 | -- | 25 | 13 | -- | -- | 1 | -- | 83 | 164 |
| **TOTAL U.S.** | 294 | 64 | 6 | 14 | 59 | 100 | -- | 684 | 213 | 43 | 7 | 8 | 2 | 179 | 1,609 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | | | | | |
| OCT. 22, 1982 | 167 | 71 | 16 | 14 | 10 | 124 | -- | 706 | 140 | -- | 1 | 4 | 2 | 76 | 1,260 |
| OCT. 15, 1982 | 200 | 60 | -- | -- | 4 | 78 | -- | 429 | 125 | -- | 47 | 1 | -- | 200 | 1,084 |
| OCT. 8, 1982 | 188 | 62 | -- | -- | 5 | 78 | -- | 586 | 177 | -- | 4 | 7 | 6 | 146 | 1,197 |
| OCT. 30, 1981 | 95 | 41 | -- | 8 | 8 | 80 | -- | 556 | 157 | -- | 3 | 18 | -- | 26 | 951 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 10/22/82 | PAGE 1 | TOTAL REFINERY INPUT | IND., ILL., KY. | 1,730 |
| | | | DISTRICT 2 TOTAL | 2,880 |
| | | | TOTAL U.S. | 12,813 |
| | | | DISTRICTS 1-4 | 10,752 |
| | | CRUDE OIL RUNS | IND., ILL., KY. | 1,534 |
| | | | DISTRICT 2 TOTAL | 2,602 |
| | | | TOTAL U.S. | 11,522 |
| | | | DISTRICTS 1-4 | 9,676 |
| | PAGE 3 | TOTAL MGAS | NEW ENGLAND | 5,434 |
| | | | CENTRAL ATLANTIC | 29,592 |
| | | | LOWER ATLANTIC | 26,869 |
| | | | EAST COAST | 57,882 |
| | | | APPAL. NO. 1 | 4,013 |
| | | | DISTRICT 1 TOTAL | 61,895 |
| | | | DISTRICT 4 TOTAL | 6,175 |
| | | | TOTAL U.S. | 233,194 |
| | | | DISTRICTS 1-4 | 205,212 |
| | | UNLEADED MGAS | NEW ENGLAND | 2,810 |
| | | | CENTRAL ATLANTIC | 13,458 |
| | | | LOWER ATLANTIC | 14,808 |
| | | | EAST COAST | 28,909 |
| | | | DISTRICT 1 TOTAL | 31,076 |
| | | | TEXAS GULF COAST | 10,008 |
| | | | DISTRICT 3 TOTAL | 24,852 |
| | | | TOTAL U.S. | 96,769 |
| | | | DISTRICTS 1-4 | 86,620 |
| | | DISTILLATE FUEL | NEW ENGLAND | 15,395 |
| | | | CENTRAL ATLANTIC | 43,400 |
| | | | LOWER ATLANTIC | 15,430 |
| | | | EAST COAST | 70,970 |
| | | | APPAL. NO. 1 | 3,255 |
| | | | DISTRICT 1 TOTAL | 74,225 |
| | | | TOTAL U.S. | 169,590 |
| | | | DISTRICTS 1-4 | 159,870 |
| | | RESIDUAL FUEL | CENTRAL ATLANTIC | 21,091 |
| | | | LOWER ATLANTIC | 5,774 |
| | | | EAST COAST | 29,718 |
| | | | APPAL. NO. 1 | 233 |
| | | | DISTRICT 1 TOTAL | 29,951 |

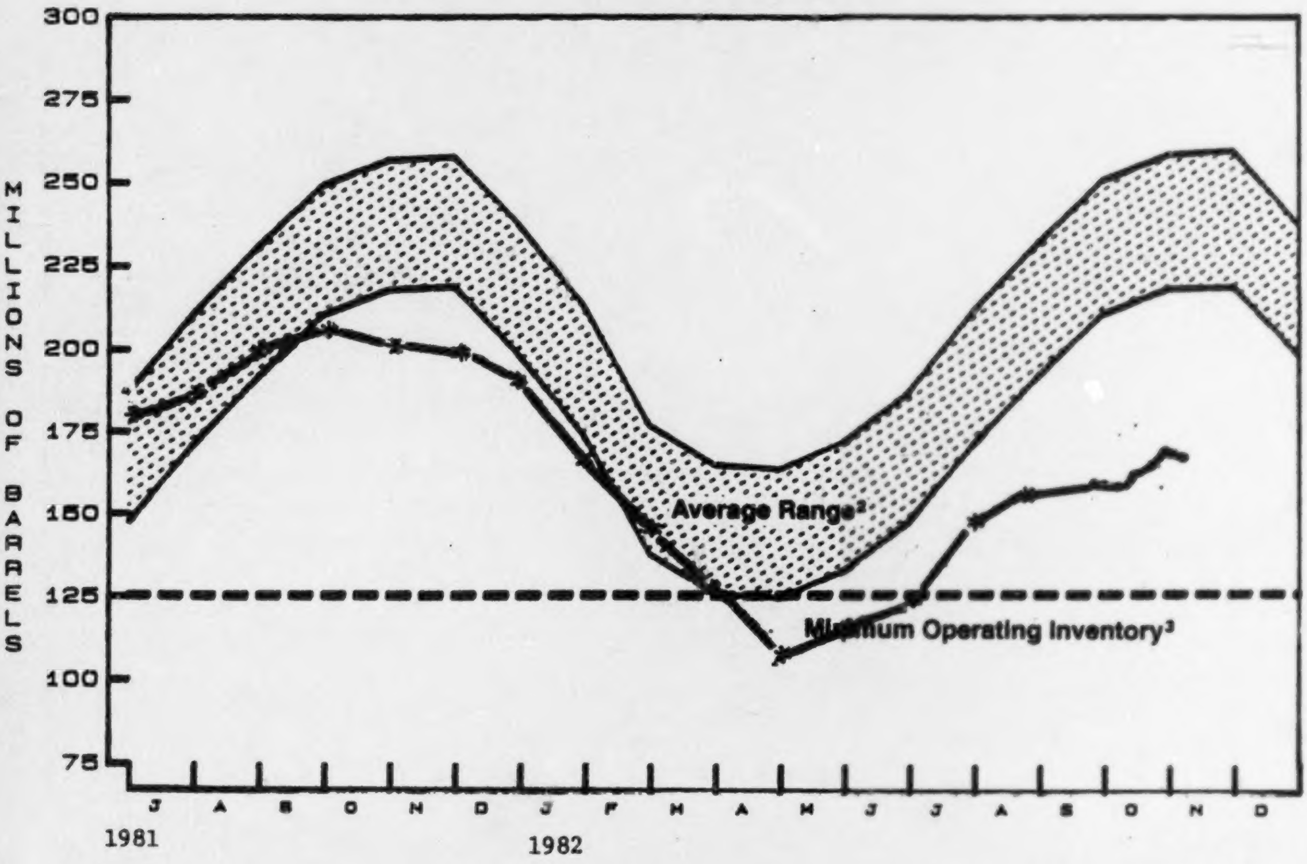
-- CONTINUED --

## REVISIONS

| | | |
|---|---|---|
| | OKLA., KANS., MO. | 978 |
| | DISTRICT 2 TOTAL | 4,860 |
| | TEXAS GULF COAST | 7,760 |
| | DISTRICT 3 TOTAL | 15,796 |
| | DISTRICT 5 TOTAL | 9,630 |
| | TOTAL U.S. | 60,746 |
| | DISTRICTS 1-4 | 51,116 |
| UMGAS AT REF. | DISTRICT 3 TOTAL | 9,643 |
| | TOTAL U.S. | 22,866 |

Week Ended OCTOBER 29, 1982

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

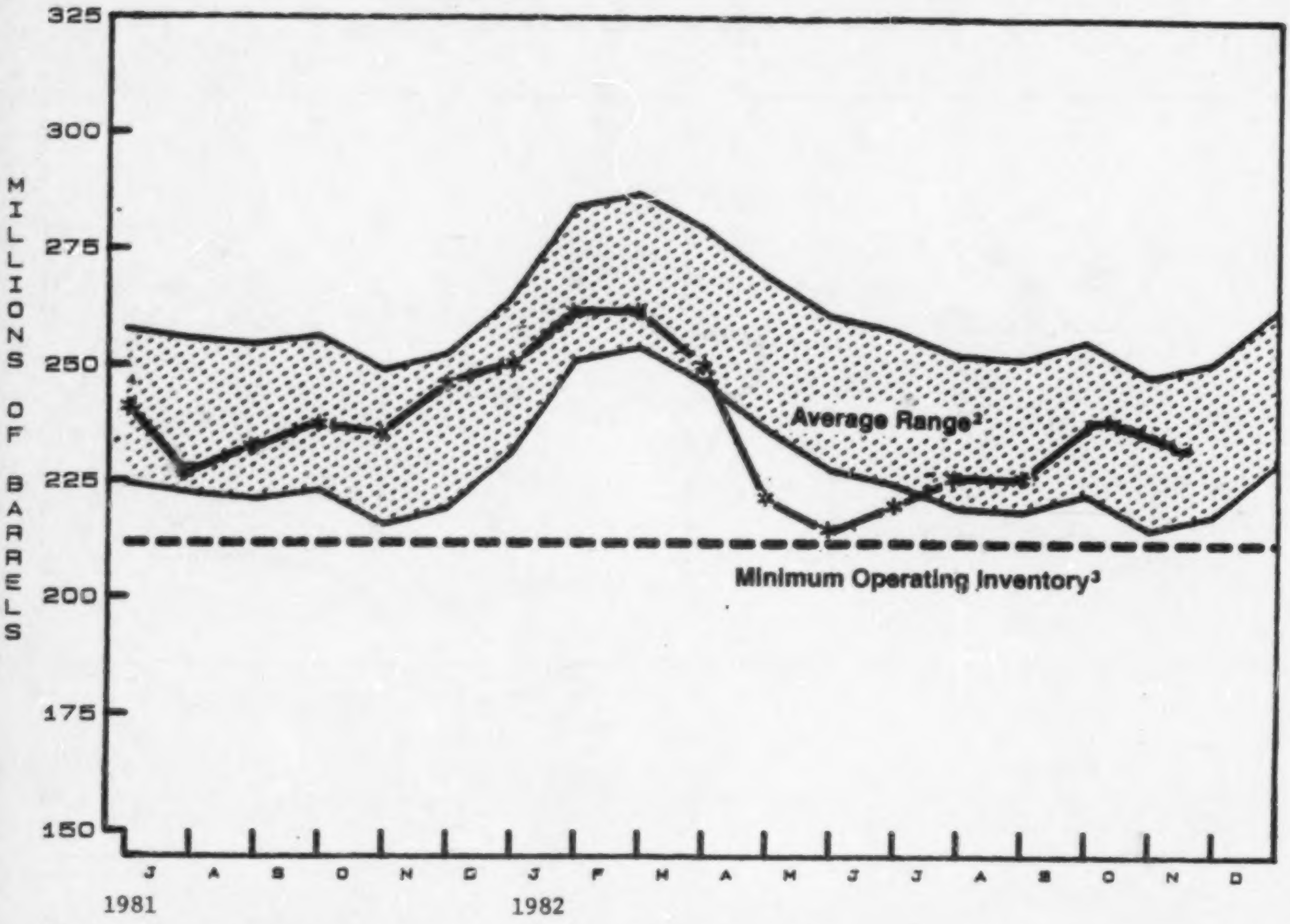
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source:
*— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended OCTOBER 29, 1982

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

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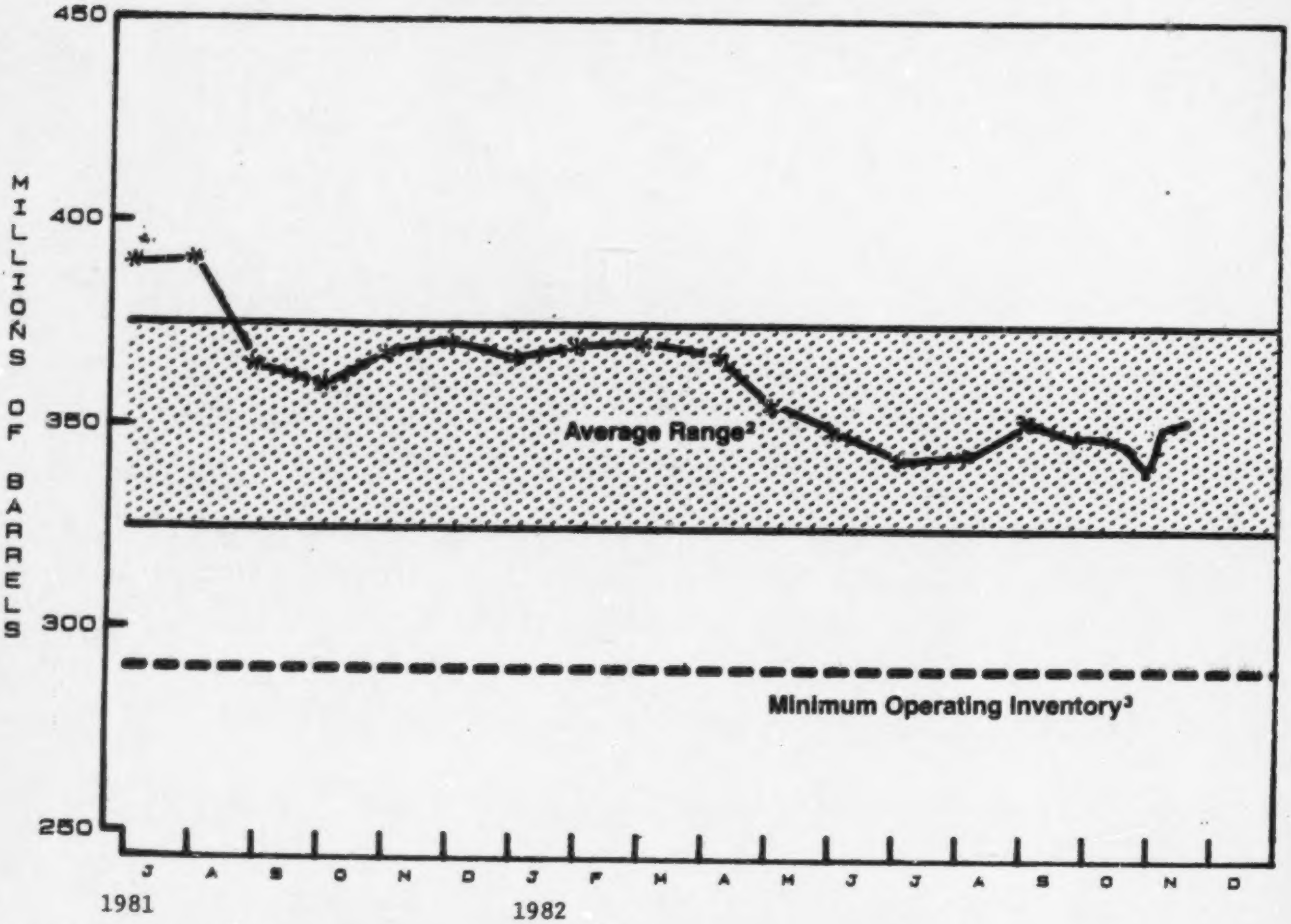
[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 11/15/82

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** NOVEMBER 5, 1982 **NO.** 44

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.

| | Current Week Ending: 11/05/82 | Last Week Ending: 10/29/82 | Last Year Week Ending: 11/06/81 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 11,924 | 11,907 | 12,291 | + 17 | - 367 |
| Operable capacity | 16,663 | 16,663 | 18,230 | 0 | - 1,567 |
| Percent operated | 71.6 | 71.5 | 67.4 | | |
| **Motor Gasoline** | | | | | |
| Motor gasoline production | 6,120 | 6,374 | 6,484 | - 254 | - 364 |
| Refinery shipments of unleaded motor gasoline | 3,349 | 3,519 | 3,225 | - 170 | + 124 |
| Total Motor gasoline stocks | 231,542 | 232,601 | 236,913 | - 1,059 | - 5,371 |
| Finished unleaded motor gasoline stock | 95,154 | 96,739 | 91,808 | - 1,585 | + 3,346 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,896 | 2,920 | 2,585 | - 24 | + 311 |
| Distillate fuel oil stocks | 173,503 | 169,558 | 200,977 | + 3,945 | - 27,474 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 980 | 976 | 1,156 | + 4 | - 176 |
| Residual fuel oil stocks | 60,880 | 60,947 | 77,626 | - 67 | - 16,746 |
| **Imports** | | | | | |
| Crude oil imports | 3,644 | 3,512 | 3,532 | + 132 | + 112 |
| Product imports | 1,597 | 1,581 | 1,218 | + 16 | + 379 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 348,732 | 349,791 | 372,387 | - 1,059 | - 23,655 |

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TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *NOVEMBER* 5, 1982 **NO.** 44

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| **DISTRICT** | **Total Refinery Input** | **Crude Oil Runs to Distillation Units** | **Foreign Crude Runs**[1] | **Input to Crude Oil Distillation Units** | **Operable Capacity** | **% Oper-ated** |
|---|---|---|---|---|---|---|
| East Coast | 1,185 | 1,074 | 990 | 1,105 | 1,569 | 70.4 |
| Appal. No. 1 | 54 | 48 | -- | 50 | 98 | 51.0 |
| **DISTRICT 1 TOTAL** | 1,239 | 1,122 | 990 | 1,155 | 1,667 | 69.3 |
| Appal. No. 2 | 62 | 58 | 5 | 62 | 66 | 93.9 |
| Ind., Ill., Ky. | 1,652 | 1,459 | 419 | 1,502 | 2,399 | 62.6 |
| Minn., Wis., Daks. | 289 | 272 | 119 | 292 | 293 | 99.7 |
| Okla., Kans., Mo. | 737 | 678 | 39 | 689 | 858 | 80.3 |
| **DISTRICT 2 TOTAL** | 2,740 | 2,467 | 582 | 2,545 | 3,616 | 70.4 |
| Inland Texas | 522 | 465 | 56 | 491 | 592 | 82.9 |
| Texas Gulf Coast | 3,232 | 2,856 | 887 | 2,933 | 3,993 | 73.5 |
| La. Gulf Coast | 2,252 | 1,997 | 732 | 2,090 | 2,728 | 76.6 |
| N. La. and Ark. | 190 | 170 | 16 | 174 | 314 | 55.4 |
| New Mexico | 108 | 79 | -- | 82 | 117 | 70.1 |
| **DISTRICT 3 TOTAL** | 6,304 | 5,567 | 1,691 | 5,770 | 7,744 | 74.5 |
| **DISTRICT 4 TOTAL** | 462 | 445 | 47 | 452 | 553 | 81.7 |
| **DISTRICT 5 TOTAL** | 2,035 | 1,967 | 187 | 2,002 | 3,083 | 64.9 |
| **TOTAL U.S.** | 12,780 | 11,568 | 3,497 | 11,924 | 16,663 | 71.6 |
| **TOTAL U.S. Weeks Ended:** | | | | | | |
| *OCT.* 29, 1982 | 12,799 | 11,554 | 3,602 | 11,907 | 16,663 | 71.5 |
| *NOV.* 6, 1981 | 12,925 | 12,109 | 3,811 | 12,291 | 18,230 | 67.4 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | |
| *NOV.* 5, 1982 | 10,745 | 9,601 | 3,310 | 9,922 | 13,580 | 73.1 |
| *OCT.* 29, 1982 | 10,769 | 9,571 | 3,386 | 9,886 | 13,580 | 72.8 |
| *NOV.* 6, 1981 | 10,790 | 10,109 | 3,599 | 10,249 | 15,068 | 68.0 |

[1] Included in the Crude Oil Runs to Distillation Units.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *NOVEMBER* 5, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 619 | 381 | 18 | 22 | 3 | 335 | 72 |
| Appal. No. 1 | 17 | 6 | 2 | -- | -- | 17 | 3 |
| **DISTRICT 1 TOTAL** | 636 | 387 | 20 | 22 | 3 | 352 | 75 |
| Appal. No. 2 | 35 | 19 | -- | 3 | -- | 13 | 5 |
| Ind., Ill., Ky. | 843 | 552 | 15 | 93 | 16 | 374 | 33 |
| Minn., Wis., Daks. | 153 | 66 | 2 | 5 | 1 | 77 | 4 |
| Okla., Kans., Mo. | 390 | 182 | 10 | 16 | -- | 214 | 19 |
| **DISTRICT 2 TOTAL** | 1,421 | 819 | 27 | 117 | 17 | 678 | 61 |
| Inland Texas | 265 | 126 | 28 | 26 | 2 | 111 | 24 |
| Texas Gulf Coast | 1,338 | 825 | 19 | 160 | 50 | 814 | 281 |
| La. Gulf Coast | 1,109 | 548 | 25 | 228 | 45 | 378 | 207 |
| N. La. and Ark. | 57 | 17 | 5 | -- | -- | 55 | 19 |
| New Mexico | 57 | 21 | 5 | -- | 10 | 61 | 7 |
| **DISTRICT 3 TOTAL** | 2,826 | 1,537 | 82 | 414 | 107 | 1,419 | 538 |
| **DISTRICT 4 TOTAL** | 267 | 85 | 13 | 24 | 1 | 112 | 9 |
| **DISTRICT 5 TOTAL** | 970 | 521 | 46 | 209 | 5 | 335 | 297 |
| **TOTAL U.S.** | 6,120 | 3,349 | 188 | 786 | 133 | 2,896 | 980 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *OCT.* 29, 1982 | 6,374 | 3,519 | 181 | 863 | 144 | 2,920 | 976 |
| *NOV.* 6, 1981 | 6,484 | 3,225 | 234 | 656 | 109 | 2,585 | 1,156 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| *NOV.* 5, 1982 | 5,150 | 2,828 | 142 | 577 | 128 | 2,561 | 683 |
| *OCT.* 29, 1982 | 5,415 | 2,988 | 135 | 652 | 144 | 2,598 | 649 |
| *NOV.* 6, 1981 | 5,514 | 2,690 | 195 | 477 | 104 | 2,267 | 798 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *NOVEMBER* 5, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | | |
| New England | 5,580 | 2,855 | 20 | 591 | 1,025 | 16,765 | 2,337 | -- |
| Central Atlantic | 29,515 | 13,815 | 233 | 5,176 | 2,139 | 47,695 | 23,132 | 13,805 |
| Lower Atlantic | 27,586 | 14,893 | 85 | 3,555 | 1,470 | 16,122 | 5,577 | 496 |
| East Coast | 58,437 | 29,325 | 307 | 9,000 | 4,346 | 77,217 | 30,729 | 13,214 |
| Appal. No. 1 | 4,244 | 2,238 | 31 | 322 | 288 | 3,365 | 317 | 1,087 |
| **DISTRICT 1 TOTAL** | 62,681 | 31,563 | 338 | 9,322 | 4,634 | 80,582 | 31,046 | 14,301 |
| Appal. No. 2 | 2,945 | 1,414 | 3 | 170 | 321 | 1,808 | 233 | 118 |
| Ind., Ill., Ky. | 35,907 | 15,335 | 449 | 4,391 | 2,155 | 23,708 | 3,105 | 13,860 |
| Minn., Wis., Daks. | 6,882● | 2,550● | 172 | 558 | 145 | 6,492● | 404 | 580 |
| Okla., Kans., Mo. | 19,651● | 7,900● | 793 | 1,901 | 351 | 13,003● | 956 | 6,197 |
| **DISTRICT 2 TOTAL** | 65,385● | 27,199● | 1,417 | 7,020 | 2,972 | 45,011● | 4,698 | 20,755 |
| Inland Texas | 7,731 | 2,575 | 554 | 1,296 | 176 | 2,974 | 322 | 2,876 |
| Texas Gulf Coast | 30,053 | 10,158 | 995 | 4,536 | 1,645 | 18,241 | 7,334 | 28,115 |
| La. Gulf Coast | 20,201 | 6,021 | 485 | 3,892 | 997 | 8,261 | 7,178 | 15,883 |
| N. La. and Ark. | 10,255 | 5,941 | 380 | 1,886 | 246 | 5,758 | 593 | 1,050 |
| New Mexico | 756 | 281 | 378 | 105 | 49 | 414 | 79 | 481 |
| **DISTRICT 3 TOTAL** | 68,996 | 24,976 | 2,792 | 11,715 | 3,113 | 35,648 | 15,506 | 48,405 |
| **DISTRICT 4 TOTAL** | 6,369 | 1,720 | 298 | 807 | 43 | 3,195 | 474 | 2,735 |
| **DISTRICT 5 TOTAL** | 28,111 | 9,696 | 1,218 | 5,931 | 180 | 9,067 | 9,156 | 25,085 |
| **TOTAL U.S.** | 231,542 | 95,154* | 6,063 | 34,795 | 10,942 | 173,503 | 60,880 | 111,281 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | |
| *OCT*. 29, 1982 | 232,601● | 96,739● | 6,206 | 34,419 | 10,471 | 169,558● | 60,947 | 111,715 |
| *NOV*. 6, 1981 | 236,913 | 91,808 | 5,733 | 35,131 | 11,612 | 200,977 | 77,626 | 117,846 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | | |
| *NOV*. 5, 1982 | 203,431 | 85,458 | 4,845 | 28,864 | 10,762 | 164,436 | 51,724 | 86,196 |
| *OCT*. 29, 1982 | 204,295● | 86,509● | 4,951 | 28,542 | 10,223 | 160,412● | 51,000 | 86,838 |
| *NOV*. 6, 1981 | 207,698 | 81,658 | 4,587 | 29,381 | 11,296 | 189,410 | 67,008 | 91,602 |

[1] Included in Total Motor Gasoline stocks.
[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE* 7

**INCLUDES* 22,631 *BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*
*DIST*. 1: 3,336 *DIST*. 2: 5,256 *DIST*. 3: 9,186 *DIST*. 4: 682 *DIST*. 5: 4,171

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy *JUNE* 1982 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *NOV.* 5, 1982 | 5,882.5 | 5,864.0 | 3,285 | 168 | 260,605 |
| *OCT.* 29, 1982 | 5,882.5 | -- | 3,304 | 142 | 258,944 |
| *OCT.* 22, 1982 | 5,882.5 | -- | 3,594 | 129 | 254,779 |
| *OCT.* 15, 1982 | 5,882.5 | -- | 3,058 | 134 | 249,181 |
| **DISTRICT 5 TOTAL** | | | | | |
| *NOV.* 5, 1982 | 2,797.9 | 2,768.0 | 359 | -- | 88,127 * |
| *OCT.* 29, 1982 | 2,797.9 | -- | 208 | 14 | 90,847● |
| *OCT.* 22, 1982 | 2,797.9 | -- | 164 | -- | 96,542 |
| *OCT.* 15, 1982 | 2,797.9 | -- | 145 | 28 | 91,009 |

**INCLUDES* 32,697 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* ●

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *NOV.* 5, 1982 | 8,680.4 | 8,632.0 | 3,644 | 168 | 348,732 * |
| *OCT.* 29, 1982 | 8,680.4 | -- | 3,512 | 156 | 349,791● |
| *OCT.* 22, 1982 | 8,680.4 | -- | 3,758 | 129 | 351,321 |
| *OCT.* 15, 1982 | 8,680.4 | -- | 3,203 | 162 | 340,190 |
| *NOV.* 6, 1981 | 8,546.5 /A | -- | 3,532 | 160 | 372,387 |

*/A - DOE ACTUAL FOR OCTOBER* 1981.

● *SEE REVISIONS ON PAGE* 7

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | Week Ended *NOV.* 5, 1982 Domestic | Week Ended *NOV.* 5, 1982 Foreign | Week Ended *NOV.* 5, 1982 Total | Week Ended *NOV.* 6, 1981 Domestic | Week Ended *NOV.* 6, 1981 Foreign | Week Ended *NOV.* 6, 1981 Total |
|---|---|---|---|---|---|---|
| PAD District 1 | 4,222 | 14,472 | 18,694 | 5,035 | 14,944 | 19,979 |
| PAD District 2 | 61,057 | 11,777 | 72,834 | 67,427 | 12,599 | 80,026 |
| PAD District 3 | 117,772 | 39,461 | 157,233 | 125,546 | 42,798 | 168,344 |
| PAD District 4 | 10,178 | 1,666 | 11,844 | 15,744 | 898 | 16,642 |
| **TOTAL PAD DISTRICTS 1—4** | 193,229 | 67,376 | 260,605 | 213,752 | 71,239 | 284,991 |
| **PAD District 5** | 82,746● | 5,381 | 88,127●* | 80,015 | 7,381 | 87,396 |
| **TOTAL U.S.** | 275,975● | 72,757 | 348,732●* | 293,767 | 78,620 | 372,387 |

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[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel |  | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  | Naphtha Type | Kerosine Type |  |  |  |  |  |  |  |  |  |  |  |
| New England | -- | -- | -- | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- | -- | 3 |
| Central Atlantic | 106 | 47 | 5 | 11 | 4 | 75 | -- | 542 | 3 | 80 | 111 | -- | 1 | 37 | 975 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 59 | -- | -- | -- | -- | -- | -- | 59 |
| **DISTRICT 1 TOTAL[2]** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *NOV.* 5, 1982 | 106 | 47 | 5 | 11 | 4 | 75 | -- | 601 | 6 | 80 | 111 | -- | 1 | 37 | 1,037 |
| *OCT.* 29, 1982 | 223 | 47 | 5 | 12 | 59 | 88 | -- | 613 | 6 | 4 | -- | -- | 2 | 127 | 1,139 |
| *OCT.* 22, 1982 | 115 | 56 | 13 | 7 | 10 | 112 | -- | 627 | 4 | -- | -- | -- | 2 | 38 | 928 |
| *OCT.* 15, 1982 | 94 | 44 | -- | -- | 4 | 66 | -- | 354 | 4 | -- | 31 | -- | -- | 114 | 667 |
| **DISTRICTS 2—4 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *NOV.* 5, 1982 | 17 | 4 | -- | -- | -- | 6 | -- | 72 | 170 | 80 | 47 | -- | -- | 20 | 412 |
| *OCT.* 29, 1982 | 12 | 3 | -- | -- | -- | 5 | -- | 61 | 193 | 39 | 7 | 7 | -- | 14● | 338● |
| *OCT.* 22, 1982 | 11 | 2 | -- | -- | -- | 3 | -- | 64 | 124 | -- | 1 | 3 | -- | 38 | 244 |
| *OCT.* 15, 1982 | 15 | 2 | -- | -- | -- | 6 | -- | 50 | 107 | -- | 16 | -- | -- | 70 | 264 |
| **DISTRICT 5 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *NOV.* 5, 1982 | 47 | 13 | 12 | 12 | -- | 6 | -- | 10 | 15 | 25 | 20 | 1 | -- | -- | 148 |
| *OCT.* 29, 1982 | 59 | 14 | 1 | 2 | -- | 7 | -- | 10 | 14 | -- | -- | 1 | -- | 10 | 104 |
| *OCT.* 22, 1982 | 41 | 13 | 3 | 7 | -- | 9 | -- | 15 | 12 | -- | -- | 1 | -- | -- | 88 |
| *OCT.* 15, 1982 | 91 | 14 | -- | -- | -- | 6 | -- | 25 | 14 | -- | -- | 1 | -- | 16 | 153 |
| **TOTAL U.S.** | 170 | 64 | 17 | 23 | 4 | 87 | -- | 683 | 191 | 185 | 178 | 1 | 1 | 57 | 1,597 |
| **TOTAL U.S. Weeks Ended:** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *OCT.* 29, 1982 | 294 | 64 | 6 | 14 | 59 | 100 | -- | 684 | 213 | 43 | 7 | 8 | 2 | 151● | 1,581● |
| *OCT.* 22, 1982 | 167 | 71 | 16 | 14 | 10 | 124 | -- | 706 | 140 | -- | 1 | 4 | 2 | 76 | 1,260 |
| *OCT.* 15, 1982 | 200 | 60 | -- | -- | 4 | 78 | -- | 429 | 125 | -- | 47 | 1 | -- | 200 | 1,084 |
| *NOV.* 6, 1981 | 156 | 42 | 4 | 8 | 2 | 152 | -- | 626 | 210 | -- | 18 | 15 | 8 | 19 | 1,218 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

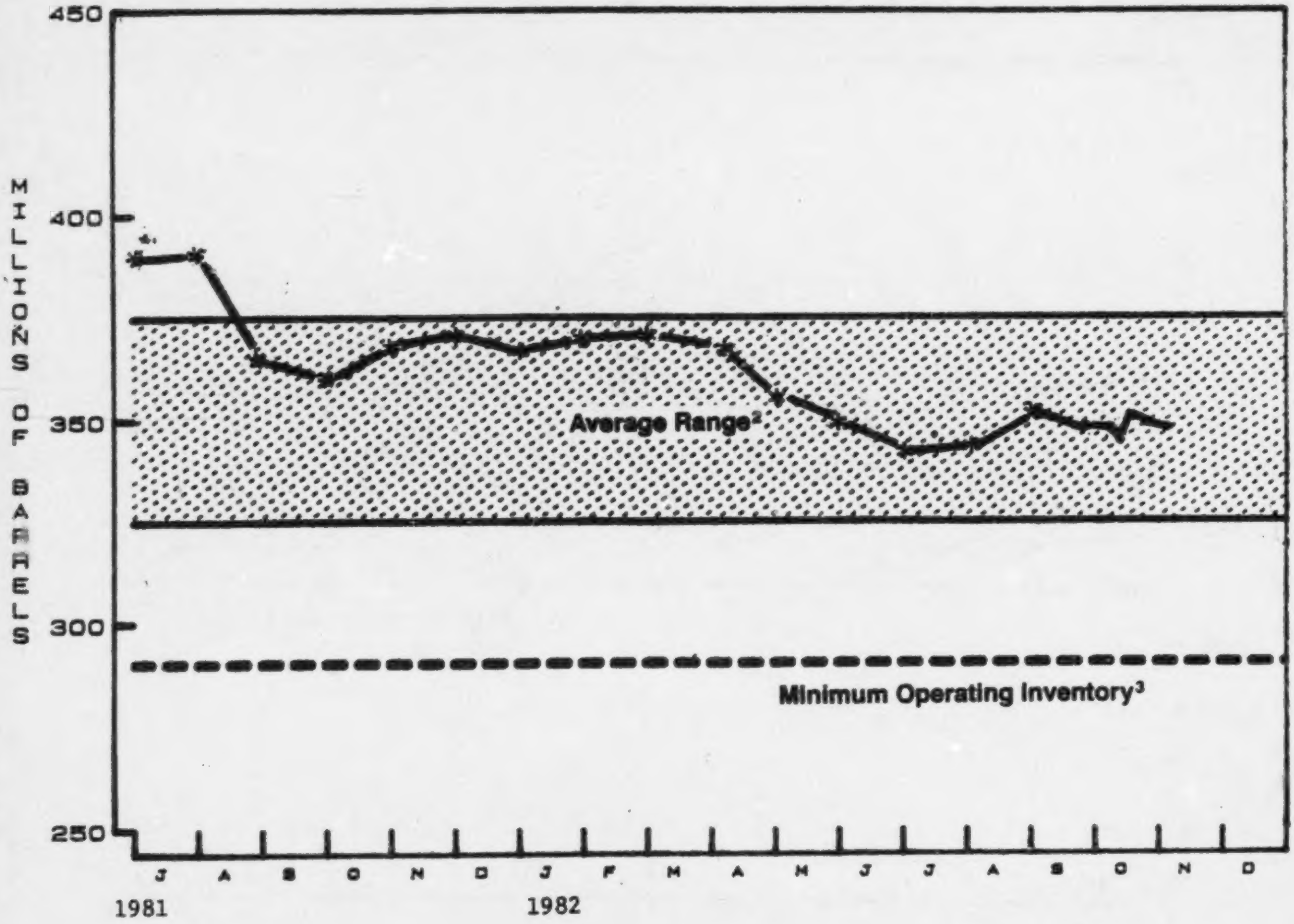
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 10/29/82 | PAGE 3 | TOTAL MGAS | MINN., WIS., DAKS. | 7,004 |
| | | | OKLA., KANS., MO. | 20,513 |
| | | | DISTRICT 2 TOTAL | 67,305 |
| | | | TOTAL U.S. | 232,601 |
| | | | DISTRICTS 1-4 | 204,295 |
| | | UNLEADED MGAS | MINN., WIS., DAKS. | 2,719 |
| | | | OKLA., KANS., MO. | 7,856 |
| | | | DISTRICT 2 TOTAL | 27,598 |
| | | | TOTAL U.S. | 96,739 |
| | | | DISTRICTS 1-4 | 86,509 |
| | | DISTILLATE FUEL | MINN., WIS., DAKS. | 6,521 |
| | | | OKLA., KANS., MO. | 13,113 |
| | | | DISTRICT 2 TOTAL | 45,408 |
| | | | TOTAL U.S. | 169,558 |
| | | | DISTRICTS 1-4 | 160,412 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICT 5 TOTAL | 90,847 |
| | | | TOTAL U.S. | 349,791 |
| | | ALASKAN CRUDE OIL | DISTRICT 5 TOTAL | 35,269 |
| | PAGE 4 BOTTOM | DOMESTIC | PAD DISTRICT 5 | 86,514 |
| | | | TOTAL U.S. | 278,055 |
| | | TOTAL | PAD DISTRICT 5 | 90,847 |
| | | | TOTAL U.S. | 349,791 |
| | PAGE 5 | UNFINISHED OIL | DISTRICTS 2-4 TOTAL | 14 |
| | | | TOTAL U.S. | 151 |
| | | TOTAL | DISTRICTS 2-4 TOTAL | 338 |
| | | | TOTAL U.S. | 1,581 |

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
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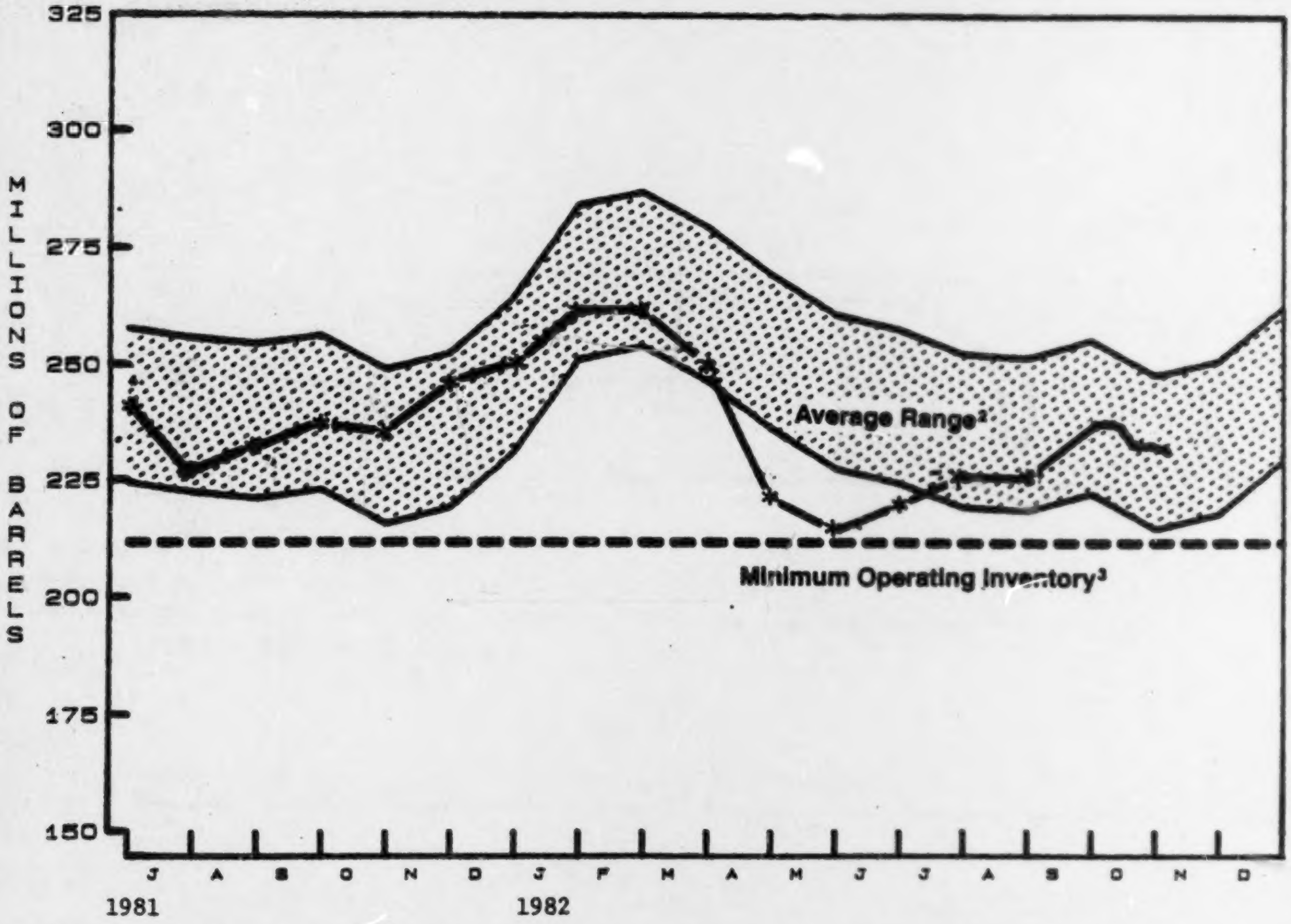
[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

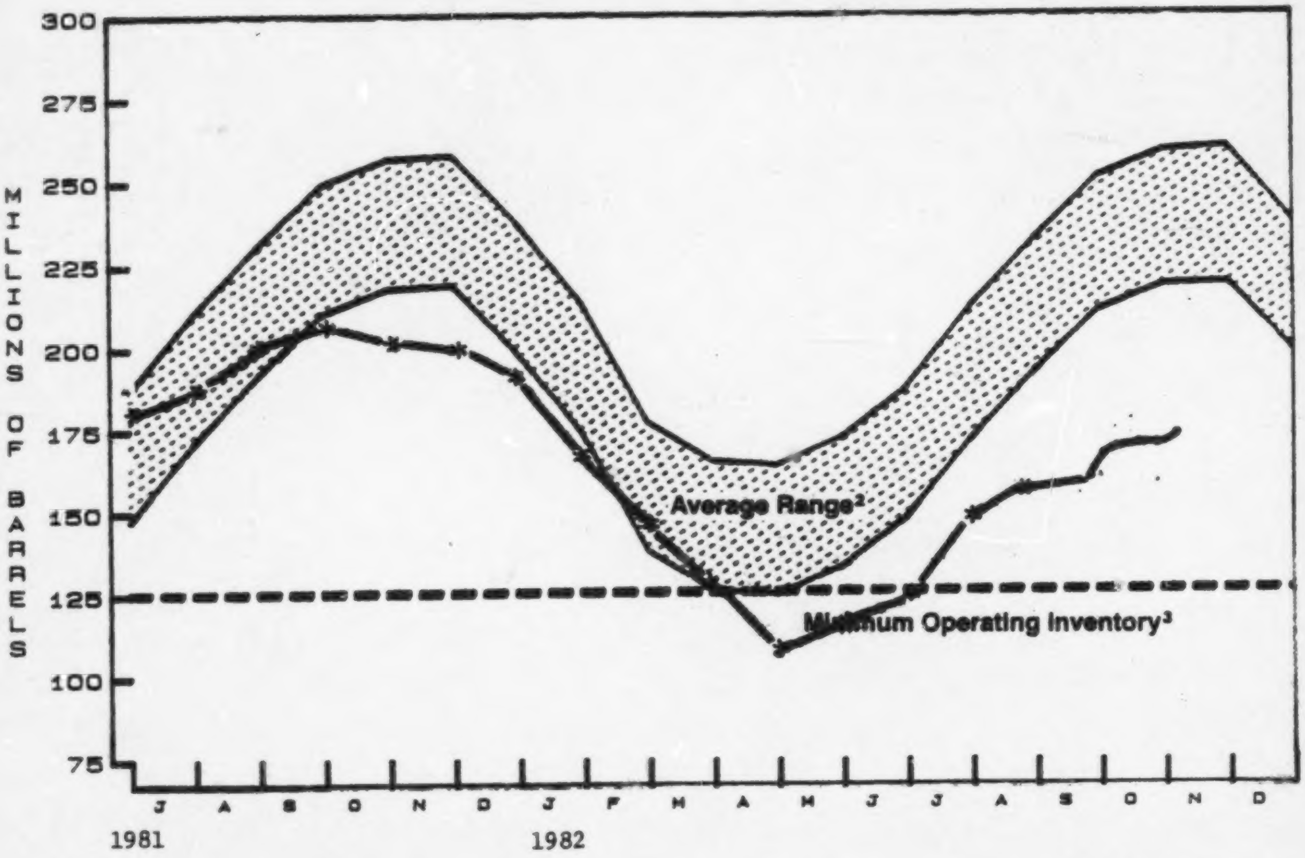
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 11/23/82

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *NOVEMBER* 12, 1982 **NO.** 45

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 11/12/82 | Last Week Ending: 11/05/82 | Last Year Week Ending: 11/13/81 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 12,139 | 11,924 | 12,195 | + 215 | - 56 |
| Operable capacity | 16,663 | 16,663 | 18,230 | 0 | - 1,567 |
| Percent operated | 72.9 | 71.6 | 66.9 | | |
| **Motor Gasoline** | | | | | |
| Motor gasoline production | 6,085 | 6,120 | 6,446 | - 35 | - 361 |
| Refinery shipments of unleaded motor gasoline | 3,397 | 3,349 | 3,205 | + 48 | + 192 |
| Total Motor gasoline stocks | 230,259 | 231,753 | 239,159 | - 1,494 | - 8,900 |
| Finished unleaded motor gasoline stock | 94,546 | 95,317 | 92,514 | - 771 | + 2,032 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,918 | 2,896 | 2,707 | + 22 | + 211 |
| Distillate fuel oil stocks | 175,975 | 173,248 | 197,315 | + 2,727 | - 21,340 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 948 | 980 | 1,175 | - 32 | - 227 |
| Residual fuel oil stocks | 61,489 | 61,047 | 77,367 | + 442 | - 15,878 |
| **Imports** | | | | | |
| Crude oil imports | 2,877 | 3,644 | 3,325 | - 767 | - 448 |
| Product imports | 1,233 | 1,635 | 1,367 | - 402 | - 134 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 339,223 | 349,274 | 377,730 | - 10,051 | - 38,507 |

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*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE* (202) 457-7147.

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL. 63 For Week Ended** NOVEMBER 12, 1982 **NO.** 45

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|---|
| East Coast | 1,219 | 1,131 | 1,037 | 1,156 | 1,569 | 73.7 |
| Appal. No. 1 | 59 | 54 | -- | 55 | 98 | 56.1 |
| **DISTRICT 1 TOTAL** | 1,278 | 1,185 | 1,037 | 1,211 | 1,667 | 72.6 |
| Appal. No. 2 | 59 | 58 | 2 | 59 | 66 | 89.4 |
| Ind., Ill., Ky. | 1,710 | 1,580 | 379 | 1,626 | 2,399 | 67.8 |
| Minn., Wis., Daks. | 285 | 269 | 118 | 282 | 293 | 96.2 |
| Okla., Kans., Mo. | 785 | 719 | 48 | 730 | 858 | 85.1 |
| **DISTRICT 2 TOTAL** | 2,839 | 2,626 | 547 | 2,697 | 3,616 | 74.6 |
| Inland Texas | 534 | 465 | 38 | 503 | 592 | 85.0 |
| Texas Gulf Coast | 3,237 | 2,836 | 1,023 | 2,886 | 3,993 | 72.3 |
| La. Gulf Coast | 2,224 | 1,959 | 654 | 2,080 | 2,728 | 76.2 |
| N. La. and Ark. | 199 | 183 | 12 | 186 | 314 | 59.2 |
| New Mexico | 113 | 79 | -- | 82 | 117 | 70.1 |
| **DISTRICT 3 TOTAL** | 6,307 | 5,522 | 1,727 | 5,737 | 7,744 | 74.1 |
| **DISTRICT 4 TOTAL** | 464 | 443 | 44 | 449 | 553 | 81.2 |
| **DISTRICT 5 TOTAL** | 2,133 | 2,008 | 131 | 2,045 | 3,083 | 66.3 |
| **TOTAL U.S.** | 13,021 | 11,784 | 3,486 | 12,139 | 16,663 | 72.9 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | |
| NOV. 5, 1982 | 12,780 | 11,568 | 3,497 | 11,924 | 16,663 | 71.6 |
| NOV. 13, 1981 | 12,898 | 11,975 | 3,834 | 12,195 | 18,230 | 66.9 |
| **DISTRICTS 1—4**<br>**Weeks Ended:** | | | | | | |
| NOV. 12, 1982 | 10,888 | 9,776 | 3,355 | 10,094 | 13,580 | 74.3 |
| NOV. 5, 1982 | 10,745 | 9,601 | 3,310 | 9,922 | 13,580 | 73.1 |
| NOV. 13, 1981 | 10,807 | 9,942 | 3,613 | 10,118 | 15,068 | 67.1 |

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[1] Included in the Crude Oil Runs to Distillation Units.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** NOVEMBER 12, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 586 | 423 | 13 | 40 | 6 | 300 | 104 |
| Appal. No. 1 | 21 | 10 | 1 | 1 | 1 | 18 | 3 |
| **DISTRICT 1 TOTAL** | 607 | 433 | 14 | 41 | 7 | 318 | 107 |
| Appal. No. 2 | 35 | 16 | -- | 5 | -- | 12 | 3 |
| Ind., Ill., Ky. | 948 | 601 | 18 | 104 | 15 | 373 | 50 |
| Minn., Wis., Daks. | 155 | 68 | 4 | 4 | 2 | 82 | 10 |
| Okla., Kans., Mo. | 401 | 184 | 17 | 16 | 5 | 228 | 15 |
| **DISTRICT 2 TOTAL** | 1,539 | 869 | 39 | 129 | 22 | 695 | 78 |
| Inland Texas | 261 | 155 | 23 | 24 | 8 | 124 | 21 |
| Texas Gulf Coast | 1,388 | 786 | 20 | 196 | 35 | 799 | 197 |
| La. Gulf Coast | 1,028 | 505 | 13 | 230 | 50 | 430 | 238 |
| N. La. and Ark. | 60 | 19 | 9 | 1 | -- | 58 | 17 |
| New Mexico | 59 | 23 | 11 | -- | 3 | 30 | 4 |
| **DISTRICT 3 TOTAL** | 2,796 | 1,488 | 76 | 451 | 96 | 1,441 | 477 |
| **DISTRICT 4 TOTAL** | 236 | 82 | 13 | 19 | -- | 108 | 7 |
| **DISTRICT 5 TOTAL** | 907 | 525 | 48 | 223 | 4 | 356 | 279 |
| **TOTAL U.S.** | 6,085 | 3,397 | 190 | 863 | 129 | 2,918 | 948 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| NOV. 5, 1982 | 6,120 | 3,349 | 188 | 786 | 133 | 2,896 | 980 |
| NOV. 13, 1981 | 6,446 | 3,205 | 216 | 694 | 122 | 2,707 | 1,175 |
| **DISTRICTS 1—4**<br>**Weeks Ended:** | | | | | | | |
| NOV. 12, 1982 | 5,178 | 2,872 | 142 | 640 | 125 | 2,562 | 669 |
| NOV. 5, 1982 | 5,150 | 2,828 | 142 | 577 | 128 | 2,561 | 683 |
| NOV. 13, 1981 | 5,500 | 2,723 | 152 | 480 | 109 | 2,389 | 836 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *NOVEMBER* 12, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel |  | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
|  |  |  | Naphtha Type | Kerosine Type |  |  |  |  |
| New England | 5,716 | 2,952 | 88 | 670 | 1,043 | 16,114 | 2,150 | -- |
| Central Atlantic | 30,190● | 14,199● | 318 | 5,487● | 2,310 | 47,172● | 23,657● | 14,636 |
| Lower Atlantic | 26,569● | 14,040● | 67 | 3,752 | 1,382 | 16,526● | 5,107● | 533 |
| East Coast | 58,106● | 28,903● | 459 | 9,594● | 4,408 | 76,641● | 30,622● | 14,143 |
| Appal. No. 1 | 4,369 | 2,288 | 14 | 315 | 327 | 3,171● | 292 | 1,026 |
| **DISTRICT 1 TOTAL** | 62,475● | 31,191● | 473 | 9,909● | 4,735 | 79,812● | 30,914● | 15,169 |
| Appal. No. 2 | 2,742 | 1,191 | 4 | 207 | 315 | 1,948 | 253 | 125 |
| Ind., Ill., Ky. | 35,711 | 15,151 | 460 | 4,478 | 2,177 | 23,418● | 3,201 | 13,936 |
| Minn., Wis., Daks. | 7,089 | 2,887 | 164 | 385 | 163 | 6,428 | 409 | 541 |
| Okla., Kans., Mo. | 18,974● | 7,525 | 710 | 1,858 | 297 | 13,254● | 891● | 6,389 |
| **DISTRICT 2 TOTAL** | 64,516● | 26,754 | 1,338 | 6,928 | 2,952 | 45,048● | 4,754● | 20,991 |
| Inland Texas | 8,090 | 3,079 | 565 | 897 | 98 | 3,242 | 337 | 2,800 |
| Texas Gulf Coast | 29,019 | 9,865 | 833 | 4,647 | 1,547 | 18,751 | 7,962● | 28,409 |
| La. Gulf Coast | 20,052 | 5,952 | 464 | 3,648 | 920 | 9,587● | 8,090● | 16,540 |
| N. La. and Ark. | 11,102 | 5,795 | 405 | 1,948 | 215 | 5,993 | 632 | 1,034 |
| New Mexico | 776 | 289 | 425 | 139 | 20 | 333 | 72 | 413 |
| **DISTRICT 3 TOTAL** | 69,039 | 24,980 | 2,692 | 11,279 | 2,800 | 37,906● | 17,093● | 49,196 |
| **DISTRICT 4 TOTAL** | 6,578 | 1,864 | 325 | 797 | 35 | 3,066 | 469 | 2,845 |
| **DISTRICT 5 TOTAL** | 27,651 | 9,757 | 1,418 | 5,987 | 199 | 10,143 | 8,259● | 24,648 |
| **TOTAL U.S.** | 230,259 | 94,546* | 6,246 | 34,900 | 10,721 | 175,975 | 61,489 | 112,849 |
| **TOTAL U.S. Weeks Ended:** |  |  |  |  |  |  |  |  |
| *NOV.* 5, 1982 | 231,753● | 95,317● | 6,063 | 34,685● | 10,942 | 173,248● | 61,047● | 111,281 |
| *NOV.* 13, 1981 | 239,159 | 92,514 | 6,260 | 34,354 | 11,729 | 197,315 | 77,367 | 114,933 |
| **DISTRICTS 1—4 Weeks Ended:** |  |  |  |  |  |  |  |  |
| *NOV.* 12, 1982 | 202,608 | 84,789 | 4,828 | 28,913 | 10,522 | 165,832 | 53,230 | 88,201 |
| *NOV.* 5, 1982 | 203,642● | 85,621● | 4,845 | 28,754● | 10,762 | 164,181● | 52,133● | 86,196 |
| *NOV.* 13, 1981 | 208,962 | 81,653 | 5,070 | 28,416 | 11,472 | 185,446 | 67,498 | 88,554 |

[1] Included in Total Motor Gasoline stocks.

[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE* 8

**INCLUDES* 22,044 *BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*
*DIST.* 1: 2,771 *DIST.* 2: 5,296 *DIST.* 3: 8,988 *DIST.* 4: 708 *DIST.* 5: 4,281

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *JUNE* 1982 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *NOV.* 12, 1982 | 5,851.6 | 5,864.0 | 2,862 | 170 | 260,338 |
| *NOV.* 5, 1982 | 5,848.0● | -- | 3,285 | 168 | 260,605 |
| *OCT.* 29, 1982 | 5,848.0● | -- | 3,304 | 142 | 258,944 |
| *OCT.* 22, 1982 | 5,848.0● | -- | 3,594 | 129 | 254,779 |
| **DISTRICT 5 TOTAL** | | | | | |
| *NOV.* 12, 1982 | 2,766.0 | 2,768.0 | 15 | 14 | 78,885 * |
| *NOV.* 5, 1982 | 2,809.5● | -- | 359 | -- | 88,669● |
| *OCT.* 29, 1982 | 2,809.5● | -- | 208 | 14 | 90,847 |
| *OCT.* 22, 1982 | 2,809.5● | -- | 164 | -- | 96,542 |

**INCLUDES* 26,410 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *NOV.* 12, 1982 | 8,617.6 | 8,632.0 | 2,877 | 184 | 339,223 * |
| *NOV.* 5, 1982 | 8,657.5● | -- | 3,644 | 168 | 349,274● |
| *OCT.* 29, 1982 | 8,657.5● | -- | 3,512 | 156 | 349,791 |
| *OCT.* 22, 1982 | 8,657.5● | -- | 3,758 | 129 | 351,321 |
| *NOV.* 13, 1981 | 8,572.6 */A* | -- | 3,325 | 163 | 377,730 |

*/A DOE ACTUAL FOR NOVEMBER* 1981.

● *SEE REVISIONS ON PAGE* 8

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| | Week Ended *NOVEMBER* 12, 1982 | | | Week Ended *NOVEMBER* 13, 1981 | | |
|---|---|---|---|---|---|---|
| Location | Domestic | Foreign | Total | Domestic | Foreign | Total |
| PAD District 1 | 4,029 | 13,690 | 17,719 | 5,294 | 16,578 | 21,872 |
| PAD District 2 | 60,691 | 13,319 | 74,010 | 67,464 | 14,638 | 82,102 |
| PAD District 3 | 118,513 | 38,120 | 156,633 | 126,861 | 43,938 | 170,799 |
| PAD District 4 | 10,298 | 1,678 | 11,976 | 15,650 | 850 | 16,500 |
| **TOTAL PAD DISTRICTS 1—4** | 193,531 | 66,807 | 260,338 | 215,269 | 76,004 | 291,273 |
| **PAD District 5** | 73,988● | 4,897● | 78,885●* | 79,149 | 7,308 | 86,457 |
| **TOTAL U.S.** | 267,519● | 71,704● | 339,223●* | 294,418 | 83,312 | 377,730 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *NOVEMBER* 12, 1982

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | -- | -- | 129 | 4 | -- | -- | -- | -- | -- | 133 |
| Central Atlantic | 104 | 47 | -- | 3 | 15 | 119 | -- | 412 | 4 | -- | -- | -- | 1 | 27 | 685 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **DISTRICT 1 TOTAL[2]** | | | | | | | | | | | | | | | |
| *NOV.* 12, 1982 | 104 | 47 | -- | 3 | 15 | 119 | -- | 541 | 8 | -- | -- | -- | 1 | 27 | 818 |
| *NOV.* 5, 1982 | 106 | 47 | 5 | 11 | 4 | 75 | -- | 601 | 6 | 80 | 111 | -- | 1 | 37 | 1,037 |
| *OCT.* 29, 1982 | 223 | 47 | 5 | 12 | 59 | 88 | -- | 613 | 6 | 4 | -- | -- | 2 | 127 | 1,139 |
| *OCT.* 22, 1982 | 115 | 56 | 13 | 7 | 10 | 112 | -- | 627 | 4 | -- | -- | -- | 2 | 38 | 928 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| *NOV.* 12, 1982 | 12 | 1 | -- | -- | -- | 2 | -- | 80 | 205 | -- | 8 | 10 | -- | 7 | 324 |
| *NOV.* 5, 1982 | 17 | 4 | -- | -- | -- | 6 | -- | 110● | 170 | 80 | 47 | -- | -- | 20 | 450● |
| *OCT.* 29, 1982 | 12 | 3 | -- | -- | -- | 5 | -- | 61 | 193 | 39 | 7 | 7 | -- | 14 | 338 |
| *OCT.* 22, 1982 | 11 | 2 | -- | -- | -- | 3 | -- | 64 | 124 | -- | 1 | 3 | -- | 38 | 244 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| *NOV.* 12, 1982 | 46 | 14 | -- | -- | -- | 5 | -- | 10 | 14 | -- | -- | 1 | -- | 15 | 91 |
| *NOV.* 5, 1982 | 47 | 13 | 12 | 12 | -- | 6 | -- | 10 | 15 | 25 | 20 | 1 | -- | -- | 148 |
| *OCT.* 29, 1982 | 59 | 14 | 1 | 2 | -- | 7 | -- | 10 | 14 | -- | -- | 1 | -- | 10 | 104 |
| *OCT.* 22, 1982 | 41 | 13 | 3 | 7 | -- | 9 | -- | 15 | 12 | -- | -- | 1 | -- | -- | 88 |
| **TOTAL U.S.** | 162 | 62 | -- | 3 | 15 | 126 | -- | 631 | 227 | -- | 8 | 11 | 1 | 49 | 1,233 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | | | | | |
| *NOV.* 5, 1982 | 170 | 64 | 17 | 23 | 4 | 87 | -- | 721● | 191 | 185 | 178 | 1 | 1 | 57 | 1,635● |
| *OCT.* 29, 1982 | 294 | 64 | 6 | 14 | 59 | 100 | -- | 684 | 213 | 43 | 7 | 8 | 2 | 151 | 1,581 |
| *OCT.* 22, 1982 | 167 | 71 | 16 | 14 | 10 | 124 | -- | 706 | 140 | -- | 1 | 4 | 2 | 76 | 1,260 |
| *NOV.* 13, 1981 | 110 | 42 | 4 | 8 | 5 | 141 | -- | 669 | 397 | -- | -- | 11 | 4 | 18 | 1,367 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | October 1982 | September 1982 | June 1982 |
| Florida | 72.0 | 73.0 | 71.0 |
| New York-Pennsylvania | 9.5 | 9.0 | 12.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 7.0 | 10.0 |
| Illinois | 80.0 | 79.0 | 68.0 |
| Indiana | 17.0 | 18.0 | 13.0 |
| Kansas | 200.0 | 199.0 | 202.0 |
| Kentucky | 18.4 | 18.4 | 18.0 |
| Michigan | 90.0 | 87.0 | 94.0 |
| Missouri-Tennessee | 3.5 | 3.0 | 5.0 |
| Nebraska | 19.0 | 20.0 | 19.0 |
| Ohio | 37.0 | 37.0 | 37.0 |
| Oklahoma | 432.5 | 430.0 | 444.0 |
| North Dakota | 129.0 | 126.5 | 129.0 |
| South Dakota | 3.2 | 3.2 | 3.0 |
| Alabama | 54.0 | 57.0 | 57.0 |
| Arkansas | 51.0 | 51.0 | 52.0 |
| Mississippi | 92.5 | 92.5 | 96.0 |
| New Mexico-So. East | 176.5 | 176.0 | 176.0 |
| New Mexico-Other | 17.0 | 17.0 | 17.0 |
| North Louisiana | 97.5 | 96.5 | 98.0 |
| South Louisiana | 1,166.0 | 1,164.0 | 1,156.0 |
| Total Louisiana | 1,263.5 | 1,260.5 | 1,254.0 |
| Texas | | | |
| District 1 | 68.0 | 69.0 | 72.0 |
| District 2 | 102.0 | 102.0 | 110.0 |
| District 3 | 361.0 | 361.0 | 372.0 |
| District 4 | 78.0 | 79.0 | 78.0 |
| District 5 | 21.0 | 22.0 | 21.0 |
| District 6, East Texas Field | 143.0 | 144.0 | 145.0 |
| Other | 115.0 | 115.0 | 113.0 |
| District 7-B | 87.0 | 88.0 | 88.0 |
| District 7-C | 90.0 | 91.0 | 89.0 |
| District 8 and 8-A | 1,286.0 | 1,294.0 | 1,279.0 |
| District 9 | 97.0 | 98.0 | 100.0 |
| District 10 | 57.0 | 58.0 | 57.0 |
| Total Texas | 2,505.0 | 2,521.0 | 2,524.0 |
| Colorado | 84.0 | 85.0 | 84.0 |
| Montana | 86.4 | 86.4 | 85.0 |
| Utah | 66.0 | 67.0 | 65.0 |
| Wyoming | 333.0 | 358.0 | 329.0 |
| Total Dists. 1-4 | 5,848.0 | 5,881.5 | 5,864.0 |
| Alaska | 1,698.0 | 1,696.3 | 1,665.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,108.5 | 1,103.5 | 1,100.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,809.5 | 2,802.8 | 2,768.0 |
| Total U.S. | 8,657.5 | 8,684.3 | 8,632.0 |

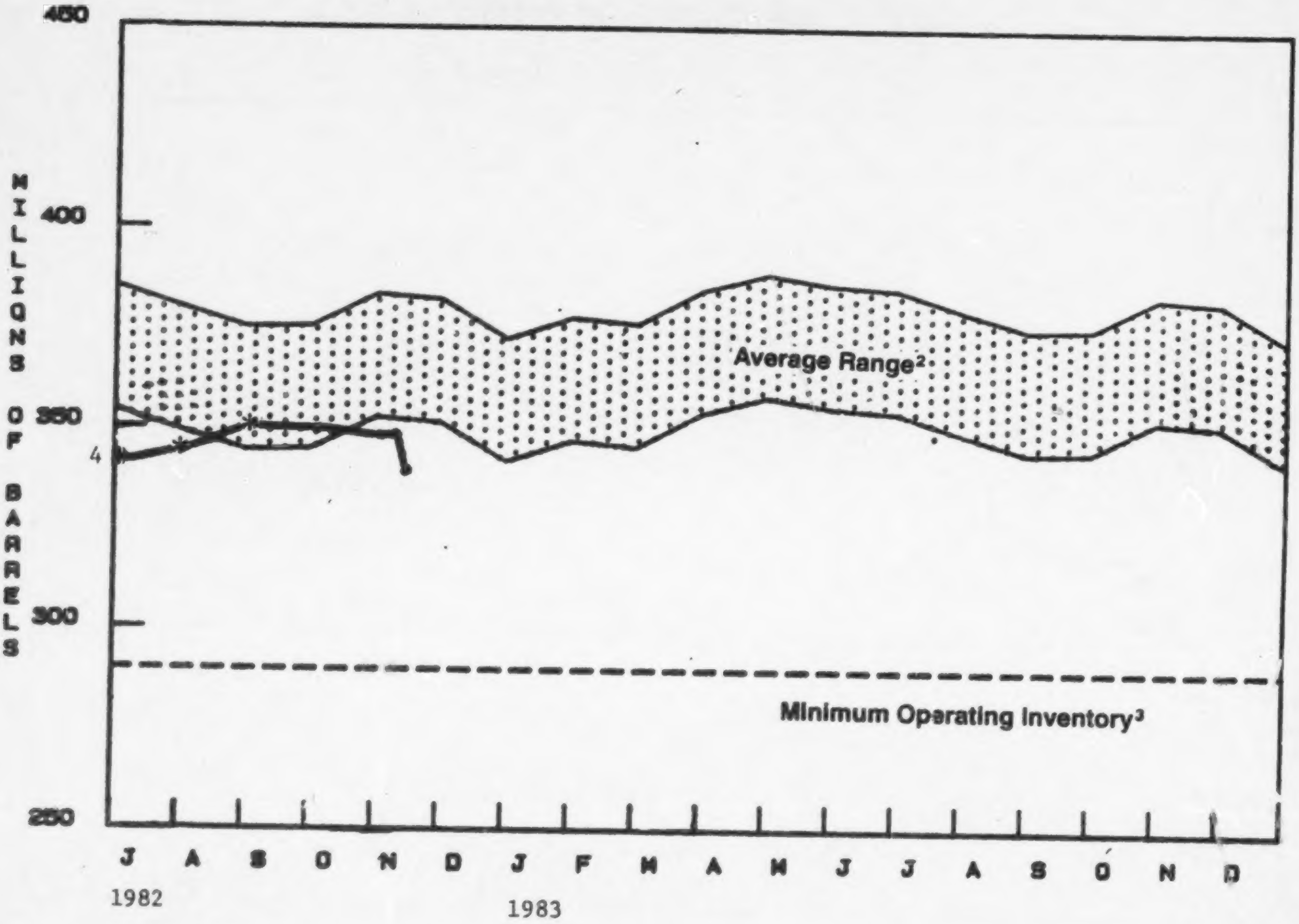
## REVISIONS

| | | | | |
|---|---|---|---|---|
| 11/05/82 | PAGE 3 | TOTAL MGAS | CENTRAL ATLANTIC | 29,967 |
| | | | LOWER ATLANTIC | 27,571 |
| | | | EAST COAST | 58,874 |
| | | | DISTRICT 1 TOTAL | 63,118 |
| | | | OKLA., KANS., MO. | 19,425 |
| | | | DISTRICT 2 TOTAL | 65,159 |
| | | | TOTAL U.S. | 231,753 |
| | | | DISTRICTS 1-4 | 203,642 |
| | | UNLEADED MGAS | CENTRAL ATLANTIC | 13,984 |
| | | | LOWER ATLANTIC | 14,887 |
| | | | EAST COAST | 29,488 |
| | | | DISTRICT 1 TOTAL | 31,726 |
| | | | TOTAL U.S. | 95,317 |
| | | | DISTRICTS 1-4 | 85,621 |
| | | KEROSINE JET | CENTRAL ATLANTIC | 5,066 |
| | | | EAST COAST | 8,890 |
| | | | DISTRICT 1 TOTAL | 9,212 |
| | | | TOTAL U.S. | 34,685 |
| | | | DISTRICTS 1-4 | 28,754 |
| | | DISTILLATE FUEL | CENTRAL ATLANTIC | 47,205 |
| | | | LOWER ATLANTIC | 16,126 |
| | | | EAST COAST | 76,929 |
| | | | APPAL. NO. 1 | 3,167 |
| | | | DISTRICT 1 TOTAL | 80,096 |
| | | | IND., ILL., KY. | 23,604 |
| | | | OKLA., KANS., MO. | 13,216 |
| | | | DISTRICT 2 TOTAL | 45,120 |
| | | | LA. GULF COAST | 8,383 |
| | | | DISTRICT 3 TOTAL | 35,770 |
| | | | TOTAL U.S. | 173,248 |
| | | | DISTRICTS 1-4 | 164,181 |
| | | RESIDUAL FUEL | CENTRAL ATLANTIC | 22,930 |
| | | | LOWER ATLANTIC | 5,556 |
| | | | EAST COAST | 30,506 |
| | | | DISTRICT 1 TOTAL | 30,823 |
| | | | OKLA., KANS., MO. | 855 |
| | | | DISTRICT 2 TOTAL | 4,597 |
| | | | TEXAS GULF COAST | 7,736 |
| | | | LA. GULF COAST | 7,509 |
| | | | DISTRICT 3 TOTAL | 16,239 |

## REVISIONS

| | | | | |
|---|---|---|---|---|
| | | | DISTRICT 5 TOTAL | 8,914 |
| | | | TOTAL U.S. | 61,047 |
| | | | DISTRICTS 1-4 | 52,133 |
| PAGE 4 | TOP | CRUDE OIL STOCKS | DISTRICT 5 TOTAL | 88,669 |
| | | | TOTAL U.S. | 349,274 |
| PAGE 4 | BOTTOM | DOMESTIC | PAD DISTRICT 5 | 83,205 |
| | | | TOTAL U.S. | 276,434 |
| | | FOREIGN | PAD DISTRICT 5 | 5,464 |
| | | | TOTAL U.S. | 72,840 |
| | | TOTAL | PAD DISTRICT 5 | 88,669 |
| | | | TOTAL U.S. | 349,274 |
| PAGE 5 | | RESIDUAL FUEL | DISTRICTS 2-4 TOTAL | 110 |
| | | | TOTAL U.S. | 721 |
| | | TOTAL | DISTRICTS 2-4 TOTAL | 450 |
| | | | TOTAL U.S. | 1,635 |

## Crude Oil Stocks at Primary Level[1] 5



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

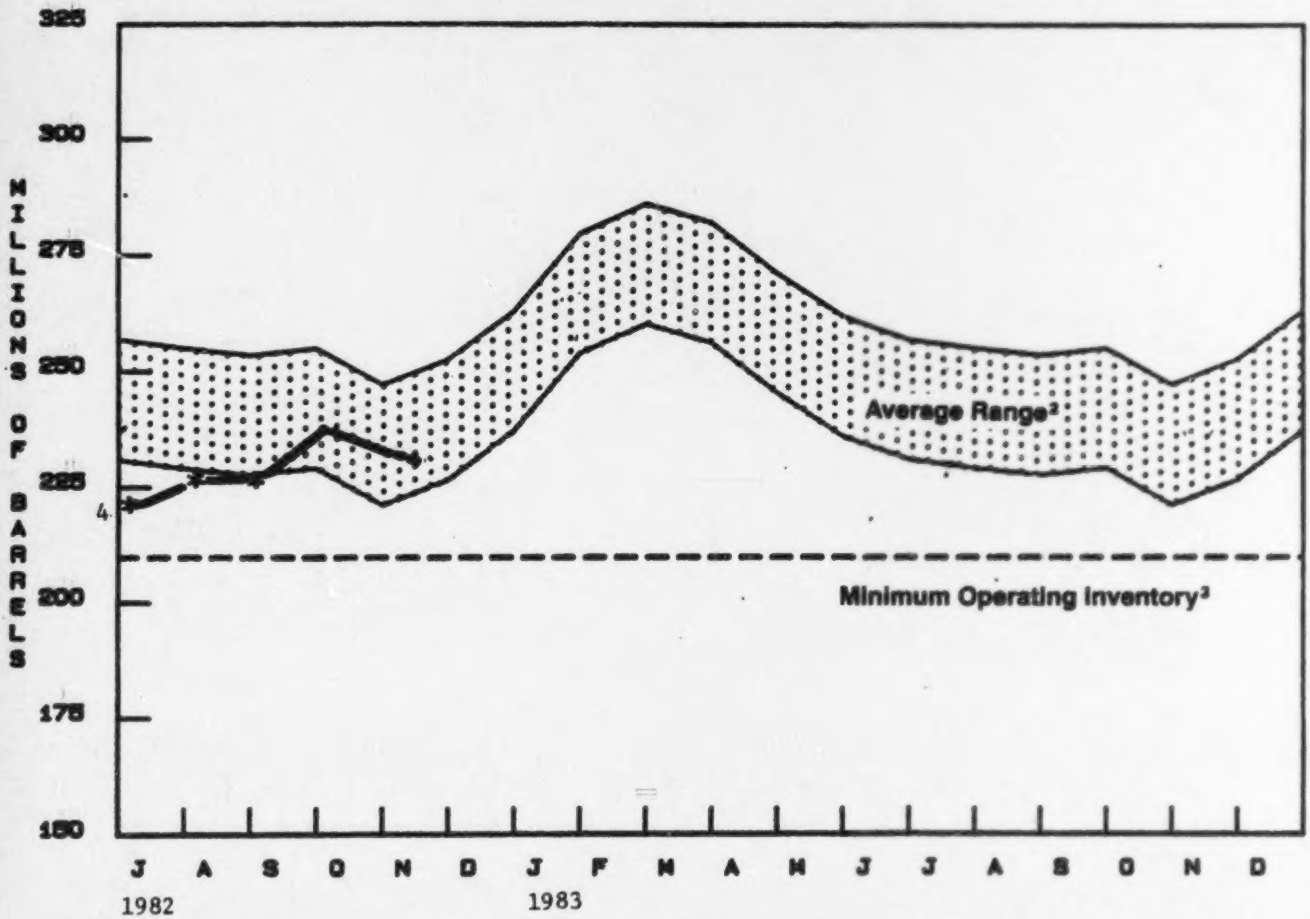
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended November 12, 1982

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

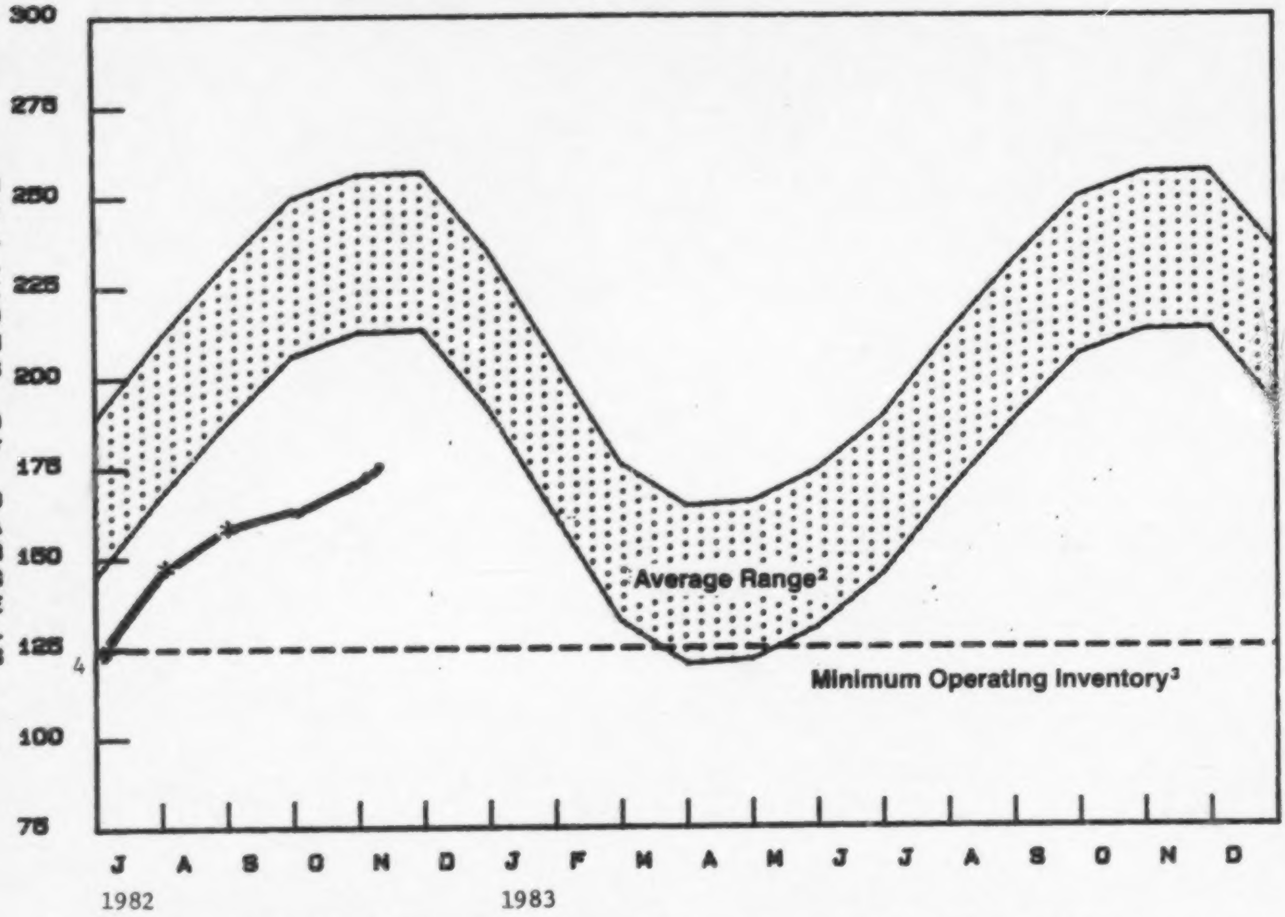
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 12/1/82

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** NOVEMBER 19, 1982 **NO.** 46

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 11/19/82 | Last Week Ending: 11/12/82 | Last Year Week Ending: 11/20/81 | | Change From Last Week | | Change From Last Year |
|---|---|---|---|---|---|---|---|
| **Refinery Operations** | | | | | | | |
| Input to crude oil distillation units | 12,338 | 12,165 | 12,527 | + | 173 | - | 189 |
| Operable capacity | 16,663 | 16,663 | 18,230 | | 0 | - | 1,567 |
| Percent operated | 74.0 | 73.0 | 68.7 | | | | |
| **Motor Gasoline** | | | | | | | |
| Motor gasoline production | 6,273 | 6,130 | 6,615 | + | 143 | - | 342 |
| Refinery shipments of unleaded motor gasoline | 3,525 | 3,397 | 3,409 | + | 128 | + | 116 |
| Total Motor gasoline stocks | 228,356 | 230,514 | 242,124 | - | 2,158 | - | 13,768 |
| Finished unleaded motor gasoline stock | 93,592 | 94,546 | 94,410 | - | 954 | - | 818 |
| **Distillate Fuel Oil** | | | | | | | |
| Distillate fuel oil production | 2,906 | 2,918 | 2,649 | - | 12 | + | 257 |
| Distillate fuel oil stocks | 180,084 | 176,561 | 195,186 | + | 3,523 | - | 15,102 |
| **Residual Fuel Oil** | | | | | | | |
| Residual fuel oil production | 1,080 | 948 | 1,120 | + | 132 | - | 40 |
| Residual fuel oil stocks | 63,656 | 61,489 | 79,368 | + | 2,167 | - | 15,712 |
| **Imports** | | | | | | | |
| Crude oil imports | 4,135 | 2,902 | 4,477 | + | 1,233 | - | 342 |
| Product imports | 1,803 | 1,233 | 1,511 | + | 570 | + | 292 |
| **Crude Oil Stocks** | | | | | | | |
| Crude oil stocks | 347,498 | 339,223 | 372,106 | + | 8,275 | - | 24,608 |

*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.*

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *NOVEMBER* 19, 1982 **NO.** 46

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|---|
| East Coast | 1,256● | 1,144● | 1,084● | 1,176● | 1,569 | 75.0● |
| Appal. No. 1 | 66 | 60 | -- | 61 | 98 | 62.2 |
| **DISTRICT 1 TOTAL** | 1,322● | 1,204● | 1,084● | 1,237● | 1,667 | 74.2● |
| Appal. No. 2 | 60 | 55 | 1 | 60 | 66 | 90.9 |
| Ind., Ill., Ky. | 1,824 | 1,642 | 454 | 1,695 | 2,399 | 70.7 |
| Minn., Wis., Daks. | 285 | 263 | 113 | 281 | 293 | 95.9 |
| Okla., Kans., Mo. | 805 | 725 | 38 | 736 | 858 | 85.8 |
| **DISTRICT 2 TOTAL** | 2,974 | 2,685 | 606 | 2,772 | 3,616 | 76.7 |
| Inland Texas | 520 | 467 | 12 | 512 | 592 | 86.5 |
| Texas Gulf Coast | 3,258 | 2,883 | 973 | 2,975 | 3,993 | 74.5 |
| La. Gulf Coast | 2,298 | 1,981 | 750 | 2,108 | 2,728 | 77.3 |
| N. La. and Ark. | 185 | 165 | 11 | 172 | 314 | 54.8 |
| New Mexico | 116 | 79 | -- | 84 | 117 | 71.8 |
| **DISTRICT 3 TOTAL** | 6,377 | 5,575 | 1,746 | 5,851 | 7,744 | 75.6 |
| **DISTRICT 4 TOTAL** | 449 | 427 | 47 | 434 | 553 | 78.5 |
| **DISTRICT 5 TOTAL** | 2,150 | 2,004 | 170 | 2,044 | 3,083 | 66.3 |
| **TOTAL U.S.** | 13,272 | 11,895 | 3,653 | 12,338 | 16,663 | 74.0 |
| **TOTAL U.S. Weeks Ended:** | | | | | | |
| *NOV.* 12, 1982 | 13,047● | 11,810● | 3,512● | 12,165● | 16,663 | 73.0● |
| *NOV.* 20, 1981 | 13,270 | 12,243 | 4,067 | 12,527 | 18,230 | 68.7 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | |
| *NOV.* 19, 1982 | 11,122 | 9,891 | 3,483 | 10,294 | 13,580 | 75.8 |
| *NOV.* 12, 1982 | 10,914● | 9,802● | 3,381● | 10,120● | 13,580 | 74.5● |
| *NOV.* 20, 1981 | 11,072 | 10,182 | 3,790 | 10,410 | 15,068 | 69.1 |

[1] Included in the Crude Oil Runs to Distillation Units.

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** NOVEMBER 19, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | |
| East Coast | 586 | 398 | 9 | 11 | 19 | 332 | 115 |
| Appal. No. 1 | 23 | 11 | 1 | 2 | -- | 18 | 4 |
| **DISTRICT 1 TOTAL** | 609 | 409 | 10 | 13 | 19 | 350 | 119 |
| Appal. No. 2 | 32 | 19 | -- | 3 | -- | 12 | 2 |
| Ind., Ill., Ky. | 930 | 560 | 11 | 108 | 39 | 368 | 61 |
| Minn., Wis., Daks. | 154 | 72 | 3 | 6 | -- | 80 | 12 |
| Okla., Kans., Mo. | 445 | 193 | 8 | 24 | 4 | 249 | 13 |
| **DISTRICT 2 TOTAL** | 1,561 | 844 | 22 | 141 | 43 | 709 | 88 |
| Inland Texas | 256 | 138 | 27 | 19 | 7 | 121 | 22 |
| Texas Gulf Coast | 1,448 | 823 | 26 | 209 | 47 | 767 | 226 |
| La. Gulf Coast | 1,082 | 620 | 9 | 233 | 45 | 418 | 231 |
| N. La. and Ark. | 52 | 19 | 5 | -- | -- | 47 | 11 |
| New Mexico | 56 | 20 | 7 | 1 | 5 | 34 | 4 |
| **DISTRICT 3 TOTAL** | 2,894 | 1,620 | 74 | 462 | 104 | 1,387 | 494 |
| **DISTRICT 4 TOTAL** | 248 | 91 | 13 | 23 | 3 | 105 | 10 |
| **DISTRICT 5 TOTAL** | 961● | 561 | 49 | 179 | 5 | 355 | 369 |
| **TOTAL U.S.** | 6,273 | 3,525 | 168 | 818 | 174 | 2,906 | 1,080 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | |
| NOV. 12, 1982 | 6,130● | 3,397 | 190 | 863 | 129 | 2,918 | 948 |
| NOV. 20, 1981 | 6,615 | 3,409 | 208 | 728 | 143 | 2,649 | 1,120 |
| **DISTRICTS 1—4<br>Weeks Ended:** | | | | | | | |
| NOV. 19, 1982 | 5,312 | 2,964 | 119 | 639 | 169 | 2,551 | 711 |
| NOV. 12, 1982 | 5,178 | 2,872 | 142 | 640 | 125 | 2,562 | 669 |
| NOV. 20, 1981 | 5,573 | 2,862 | 156 | 491 | 139 | 2,335 | 802 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

● SEE REVISIONS ON PAGE 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *NOVEMBER* 19, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel |  | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
|  |  |  | Naphtha Type | Kerosine Type |  |  |  |  |
| New England | 5,744 | 3,040 | 93 | 627 | 1,175 | 18,067 | 2,797 | -- |
| Central Atlantic | 28,866 | 13,205 | 227 | 5,450 | 2,440 | 50,111● | 25,082 | 13,726 |
| Lower Atlantic | 27,535 | 14,575 | 64 | 3,824 | 1,491 | 16,499 | 4,788 | 436 |
| East Coast | 58,033 | 28,391 | 361 | 9,625 | 4,801 | 81,667● | 32,201 | 13,154 |
| Appal. No. 1 | 4,112 | 2,429 | 23 | 276 | 305 | 3,010 | 466 | 1,008 |
| **DISTRICT 1 TOTAL** | 62,145 | 30,820 | 384 | 9,901 | 5,106 | 84,677● | 32,667 | 14,162 |
| Appal. No. 2 | 2,514 | 1,161 | 4 | 240 | 353 | 1,931 | 345 | 121 |
| Ind., Ill., Ky. | 35,932 | 14,949 | 485 | 4,468 | 2,173 | 23,042 | 3,320 | 13,862 |
| Minn., Wis., Daks. | 6,934 | 2,660 | 214 | 547 | 119 | 6,479 | 430 | 463 |
| Okla., Kans., Mo. | 19,264 | 7,055 | 700 | 2,155 | 252 | 13,060 | 865 | 6,180 |
| **DISTRICT 2 TOTAL** | 64,644 | 25,825 | 1,403 | 7,410 | 2,897 | 44,512 | 4,960 | 20,626 |
| Inland Texas | 7,898 | 3,641 | 594 | 1,060 | 58 | 3,286 | 351 | 2,691 |
| Texas Gulf Coast | 28,765 | 9,542 | 793 | 4,152 | 1,643 | 18,282 | 7,849 | 28,179 |
| La. Gulf Coast | 19,227 | 5,529 | 449 | 3,117 | 833 | 9,840 | 8,557 | 16,377 |
| N. La. and Ark. | 10,468 | 5,676 | 414 | 1,825 | 264 | 6,094 | 527 | 1,016 |
| New Mexico | 793 | 400 | 400 | 138 | 33 | 318 | 95 | 475 |
| **DISTRICT 3 TOTAL** | 67,151 | 24,788 | 2,650 | 10,292 | 2,831 | 37,820 | 17,379 | 48,738 |
| **DISTRICT 4 TOTAL** | 6,815 | 2,052 | 351 | 817 | 65 | 3,075 | 511 | 2,774 |
| **DISTRICT 5 TOTAL** | 27,601● | 10,107 | 1,304 | 5,861 | 194 | 10,000● | 8,139 | 24,620 |
| **TOTAL U.S.** | 228,356 | 93,592* | 6,092 | 34,281 | 11,093 | 180,084 | 63,656 | 110,920 |
| **TOTAL U.S. Weeks Ended:** |  |  |  |  |  |  |  |  |
| *NOV*. 12, 1982 | 230,514● | 94,546 | 6,246 | 34,900 | 10,721 | 176,561● | 61,489 | 112,849 |
| *NOV*. 20, 1981 | 242,124 | 94,410 | 6,731 | 33,230 | 12,228 | 195,186 | 79,368 | 115,977 |
| **DISTRICTS 1—4 Weeks Ended:** |  |  |  |  |  |  |  |  |
| *NOV*. 19, 1982 | 200,755 | 83,485 | 4,788 | 28,420 | 10,899 | 170,084 | 55,517 | 86,300 |
| *NOV*. 12, 1982 | 202,608 | 84,789 | 4,828 | 28,913 | 10,522 | 167,018● | 53,230 | 88,201 |
| *NOV*. 20, 1981 | 212,030 | 83,464 | 5,287 | 27,240 | 11,976 | 183,804 | 69,236 | 89,951 |

[1] Included in Total Motor Gasoline stocks.

[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE* 7

**INCLUDES* 21,623 *BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*
*DIST*. 1: 2,709 *DIST*. 2: 5,063 *DIST*. 3: 8,689 *DIST*. 4: 824 *DIST*. 5: 4,338

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy *JULY* 1982 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | ----------Daily Average---------- | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *NOV*. 19, 1982 | 5,851.6 | 5,840.0 | 3,863 | 188 | 263,262 |
| *NOV*. 12, 1982 | 5,851.6 | -- | 2,887● | 170 | 260,338 |
| *NOV*. 5, 1982 | 5,848.0 | -- | 3,285 | 168 | 260,605 |
| *OCT*. 29, 1982 | 5,848.0 | -- | 3,304 | 142 | 258,944 |
| **DISTRICT 5 TOTAL** | | | | | |
| *NOV*. 19, 1982 | 2,766.0 | 2,816.0 | 272 | -- | 84,236 * |
| *NOV*. 12, 1982 | 2,766.0 | -- | 15 | 14 | 78,885 |
| *NOV*. 5, 1982 | 2,809.5 | -- | 359 | -- | 88,669 |
| *OCT*. 29, 1982 | 2,809.5 | -- | 208 | 14 | 90,847 |

**INCLUDES* 30,144 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *NOV*. 19, 1982 | 8,617.6 | 8,656.0 | 4,135 | 188 | 347,498 * |
| *NOV*. 12, 1982 | 8,617.6 | -- | 2,902● | 184 | 339,223 |
| *NOV*. 5, 1982 | 8,657.5 | -- | 3,644 | 168 | 349,274 |
| *OCT*. 29, 1982 | 8,657.5 | -- | 3,512 | 156 | 349,791 |
| *NOV*. 20, 1981 | 8,572.6/*A* | -- | 4,477 | 148 | 372,106 |

*/A DOE ACTUAL FOR NOVEMBER* 1981.

● *SEE REVISIONS ON PAGE* 7

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | Week Ended *NOVEMBER* 19, 1982 Domestic | Week Ended *NOVEMBER* 19, 1982 Foreign | Week Ended *NOVEMBER* 19, 1982 Total | Week Ended *NOVEMBER* 20, 1981 Domestic | Week Ended *NOVEMBER* 20, 1981 Foreign | Week Ended *NOVEMBER* 20, 1981 Total |
|---|---|---|---|---|---|---|
| PAD District 1 | 3,927 | 13,174 | 17,101 | 5,556 | 16,277 | 21,833 |
| PAD District 2 | 61,524 | 12,848 | 74,372 | 65,920 | 14,396 | 80,316 |
| PAD District 3 | 118,608 | 40,832 | 159,440 | 124,021 | 43,457 | 167,478 |
| PAD District 4 | 10,750 | 1,599 | 12,349 | 15,330 | 728 | 16,058 |
| **TOTAL PAD DISTRICTS 1—4** | 194,809 | 68,453 | 263,262 | 210,827 | 74,858 | 285,685 |
| **PAD District 5** | 78,904 | 5,332 | 84,236 * | 78,888 | 7,533 | 86,421 |
| **TOTAL U.S.** | 273,713 | 73,785 | 347,498 * | 289,715 | 82,391 | 372,106 |

[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** NOVEMBER 19, 1982

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | -- | -- | 109 | 6 | -- | -- | -- | -- | -- | 115 |
| Central Atlantic | 100 | 49 | 10 | 47 | 7 | 98 | -- | 451 | 3 | 16 | 5 | -- | 3 | 48 | 788 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 231 | -- | -- | -- | -- | -- | -- | 231 |
| **DISTRICT 1 TOTAL[2]** | | | | | | | | | | | | | | | |
| NOV. 19, 1982 | 100 | 49 | 10 | 47 | 7 | 98 | -- | 791 | 9 | 16 | 5 | -- | 3 | 48 | 1,134 |
| NOV. 12, 1982 | 104 | 47 | -- | 3 | 15 | 119 | -- | 541 | 8 | -- | -- | -- | 1 | 27 | 818 |
| NOV. 5, 1982 | 106 | 47 | 5 | 11 | 4 | 75 | -- | 601 | 6 | 80 | 111 | -- | 1 | 37 | 1,037 |
| OCT. 29, 1982 | 223 | 47 | 5 | 12 | 59 | 88 | -- | 613 | 6 | 4 | -- | -- | 2 | 127 | 1,139 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| NOV. 19, 1982 | 11 | 4 | -- | -- | -- | 2 | -- | 83 | 270 | 56 | 5 | 11 | -- | 137 | 575 |
| NOV. 12, 1982 | 12 | 1 | -- | -- | -- | 2 | -- | 80 | 205 | -- | 8 | 10 | -- | 7 | 324 |
| NOV. 5, 1982 | 17 | 4 | -- | -- | -- | 6 | -- | 110 | 170 | 80 | 47 | -- | -- | 20 | 450 |
| OCT. 29, 1982 | 12 | 3 | -- | -- | -- | 5 | -- | 61 | 193 | 39 | 7 | 7 | -- | 14 | 338 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| NOV. 19, 1982 | 40 | 13 | 2 | 1 | -- | 5 | -- | 19 | 15 | -- | 5 | -- | -- | 7 | 94 |
| NOV. 12, 1982 | 46 | 14 | -- | -- | -- | 5 | -- | 10 | 14 | -- | -- | 1 | -- | 15 | 91 |
| NOV. 5, 1982 | 47 | 13 | 12 | 12 | -- | 6 | -- | 10 | 15 | 25 | 20 | 1 | -- | -- | 148 |
| OCT. 29, 1982 | 59 | 14 | 1 | 2 | -- | 7 | -- | 10 | 14 | -- | -- | 1 | -- | 10 | 104 |
| **TOTAL U.S.** | 151 | 66 | 12 | 48 | 7 | 105 | -- | 893 | 294 | 72 | 15 | 11 | 3 | 192 | 1,803 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | | | | | |
| NOV. 12, 1982 | 162 | 62 | -- | 3 | 15 | 126 | -- | 631 | 227 | -- | 8 | 11 | 1 | 49 | 1,233 |
| NOV. 5, 1982 | 170 | 64 | 17 | 23 | 4 | 87 | -- | 721 | 191 | 185 | 178 | 1 | 1 | 57 | 1,635 |
| OCT. 29, 1982 | 294 | 64 | 6 | 14 | 59 | 100 | -- | 684 | 213 | 43 | 7 | 8 | 2 | 151 | 1,581 |
| NOV. 20, 1981 | 125 | 42 | 4 | -- | 4 | 164 | -- | 860 | 313 | -- | 2 | 11 | 4 | 24 | 1,511 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

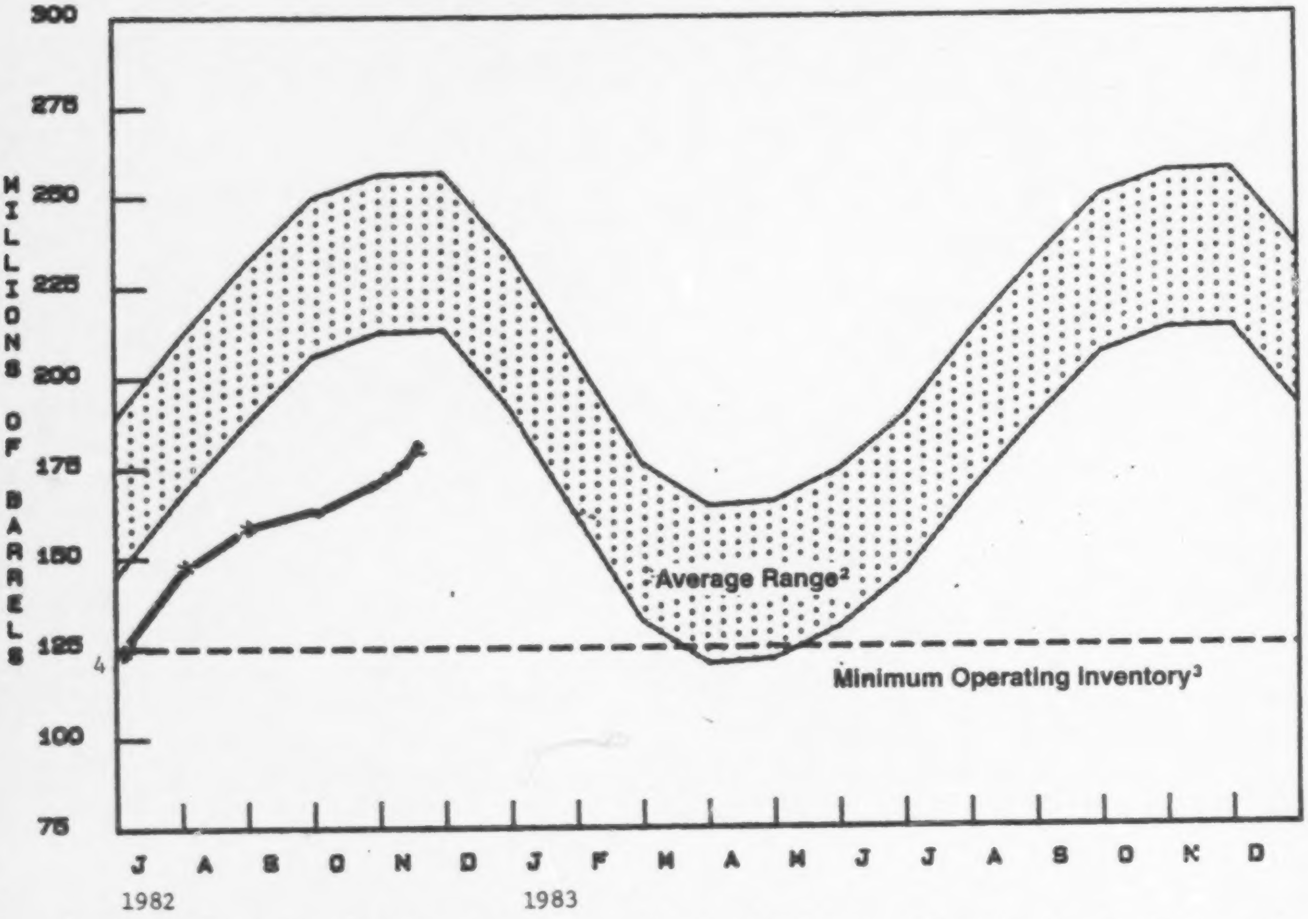
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 11/12/82 | PAGE 1 | TOTAL REFINERY INPUT | EAST COAST | 1,245 |
| | | | DISTRICT 1 TOTAL | 1,304 |
| | | | TOTAL U.S. | 13,047 |
| | | | DISTRICTS 1-4 | 10,914 |
| | | CRUDE OIL RUNS | EAST COAST | 1,157 |
| | | | DISTRICT 1 TOTAL | 1,211 |
| | | | TOTAL U.S. | 11,810 |
| | | | DISTRICTS 1-4 | 9,802 |
| | | FOREIGN CRUDE RUNS | EAST COAST | 1,063 |
| | | | DISTRICT 1 TOTAL | 1,063 |
| | | | TOTAL U.S. | 3,512 |
| | | | DISTRICTS 1-4 | 3,381 |
| | | INPUT TO CRUDE OIL | EAST COAST | 1,182 |
| | | | DISTRICT 1 TOTAL | 1,237 |
| | | | TOTAL U.S. | 12,165 |
| | | | DISTRICTS 1-4 | 10,120 |
| | | o/o OPERATED | EAST COAST | 75.3 |
| | | | DISTRICT 1 TOTAL | 74.2 |
| | | | TOTAL U.S. | 73.0 |
| | | | DISTRICTS 1-4 | 74.5 |
| | PAGE 2 | TOTAL MGAS | DISTRICT 5 TOTAL | 952 |
| | | | TOTAL U.S. | 6,130 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 5 TOTAL | 27,906 |
| | | | TOTAL U.S. | 230,514 |
| | | DISTILLATE FUEL | CENTRAL ATLANTIC | 48,358 |
| | | | EAST COAST | 77,827 |
| | | | DISTRICT 1 TOTAL | 80,998 |
| | | | DISTRICT 5 TOTAL | 9,543 |
| | | | TOTAL U.S. | 176,561 |
| | | | DISTRICTS 1-4 | 167,018 |
| | PAGE 4 TOP | TOTAL CRUDE OIL IMPORTS | DISTRICTS 1-4 TOTAL | 2,887 |
| | | | TOTAL U.S. | 2,902 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

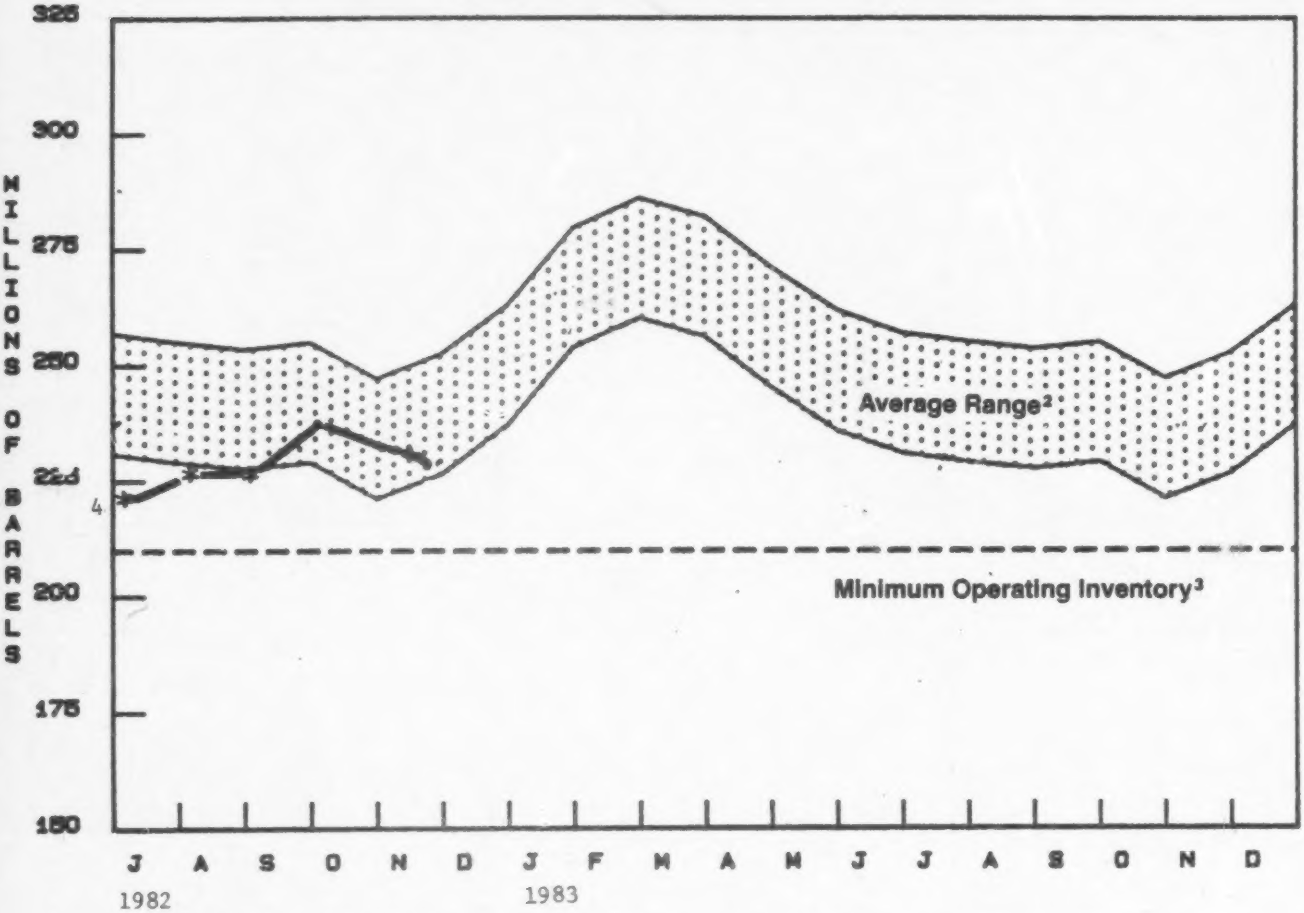
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended NOVEMBER 19, 1982

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

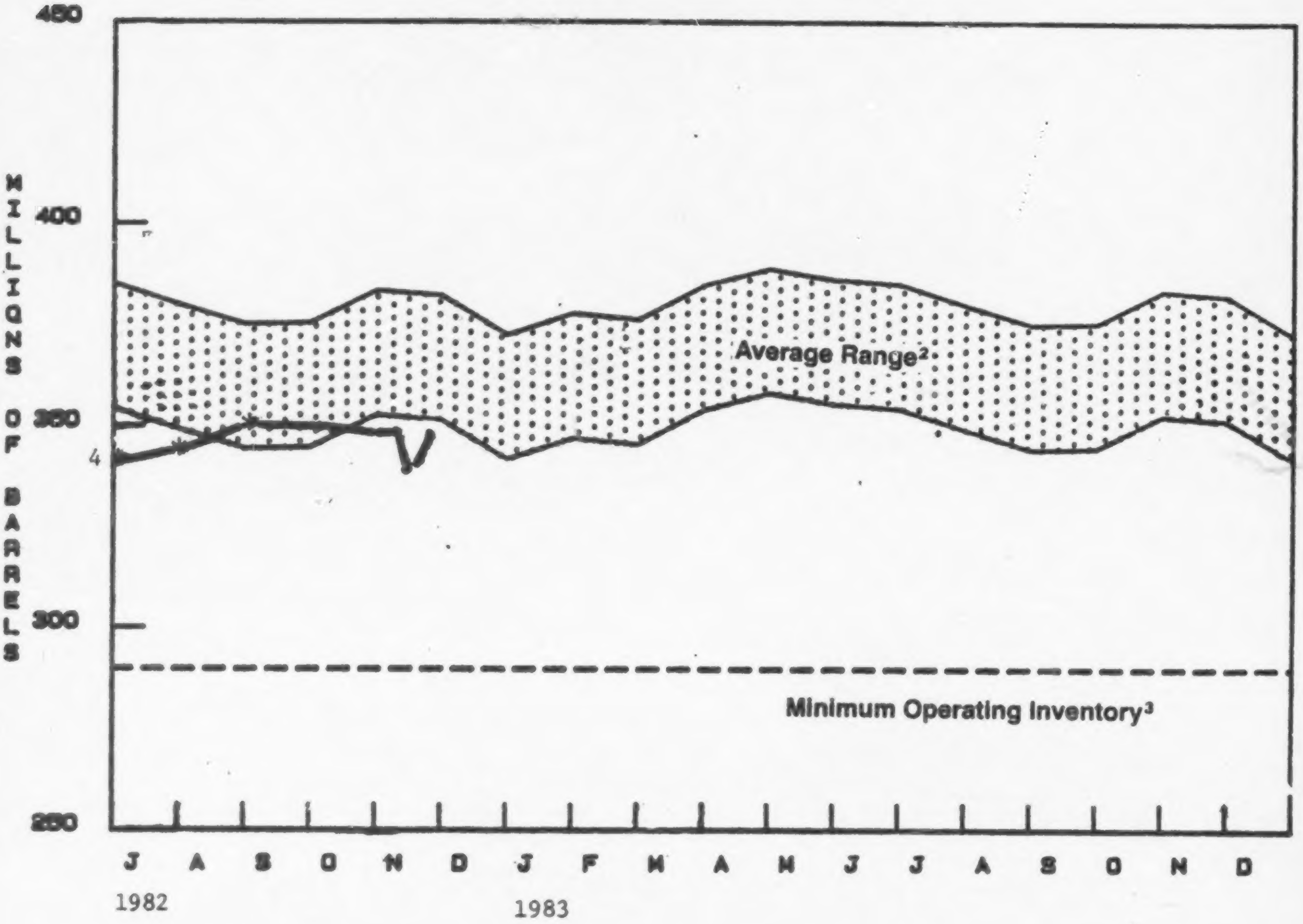
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical_Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

API

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 63 **For Week Ended** *NOVEMBER* 26, 1982 **NO.** 47

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 11/26/82 | Last Week Ending: 11/19/82 | Last Year Week Ending: 11/27/81 | | Change From Last Week | | Change From Last Year |
|---|---|---|---|---|---|---|---|
| Refinery Operations | | | | | | | |
| Input to crude oil distillation units * | 12,151 | 12,338 | 12,777 | - | 187 | - | 626 |
| Operable capacity | 16,663 | 16,663 | 18,230 | | 0 | - | 1,567 |
| Percent operated | 72.9 | 74.0 | 70.1 | | | | |
| Motor Gasoline | | | | | | | |
| Motor gasoline production | 6,254 | 6,273 | 6,684 | - | 19 | - | 430 |
| Refinery shipments of unleaded motor gasoline | 3,360 | 3,525 | 3,515 | - | 165 | - | 155 |
| Total Motor gasoline stocks | 230,113 | 228,356 | 244,097 | + | 1,757 | - | 13,984 |
| Finished unleaded motor gasoline stock | 93,825 | 93,592 | 96,048 | + | 233 | - | 2,223 |
| Distillate Fuel Oil | | | | | | | |
| Distillate fuel oil production | 2,875 | 2,906 | 2,707 | - | 31 | + | 168 |
| Distillate fuel oil stocks | 183,011 | 180,084 | 196,201 | + | 2,927 | - | 13,190 |
| Residual Fuel Oil | | | | | | | |
| Residual fuel oil production | 996 | 1,080 | 1,150 | - | 84 | - | 154 |
| Residual fuel oil stocks | 62,286 | 63,656 | 81,329 | - | 1,370 | - | 19,043 |
| Imports | | | | | | | |
| Crude oil imports | 3,412 | 4,135 | 3,849 | - | 723 | - | 437 |
| Product imports | 1,909 | 1,803 | 1,504 | + | 106 | + | 405 |
| Crude Oil Stocks | | | | | | | |
| Crude oil stocks | 341,875 | 347,498 | 369,002 | - | 5,623 | - | 27,127 |

* *UNSCHEDULED SHUTDOWNS CAUSED DECREASES OF* 54,000 *BBLS PER DAY IN THE TEXAS INLAND REGION,* 93,000 *BBLS PER DAY IN THE TEXAS GULF COAST REGION AND* 46,000 *BBLS PER DAY IN THE LOUISIANA GULF COAST REGION.*

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*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE* (202) 457-7147.

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *NOVEMBER* 26, 1982 **NO.** 47

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|---|
| East Coast | 1,241 | 1,126 | 1,085 | 1,144 | 1,569 | 72.9 |
| Appal. No. 1 | 95 | 91 | -- | 92 | 98 | 93.9 |
| **DISTRICT 1 TOTAL** | 1,336 | 1,217 | 1,085 | 1,236 | 1,667 | 74.1 |
| Appal. No. 2 | 59 | 54 | 7 | 57 | 66 | 86.4 |
| Ind., Ill., Ky. | 1,801 | 1,660 | 447 | 1,703 | 2,399 | 71.0 |
| Minn., Wis., Daks. | 290 | 273 | 120 | 287 | 293 | 98.0 |
| Okla., Kans., Mo. | 833 | 752 | 40 | 767 | 858 | 89.4 |
| **DISTRICT 2 TOTAL** | 2,983 | 2,739 | 614 | 2,814 | 3,616 | 77.8 |
| Inland Texas | 480 | 431 | 26 | 458 | 592 | 77.4 |
| Texas Gulf Coast | 3,144 | 2,809 | 862 | 2,882 | 3,993 | 72.2 |
| La. Gulf Coast | 2,129 | 1,945 | 646 | 2,062 | 2,728 | 75.6 |
| N. La. and Ark. | 164 | 161 | 12 | 168 | 314 | 53.5 |
| New Mexico | 115 | 78 | -- | 83 | 117 | 70.9 |
| **DISTRICT 3 TOTAL** | 6,032 | 5,424 | 1,546 | 5,653 | 7,744 | 73.0 |
| **DISTRICT 4 TOTAL** | 433 | 416 | 48 | 422 | 553 | 76.3 |
| **DISTRICT 5 TOTAL** | 2,097 | 1,975 | 184 | 2,026 | 3,083 | 65.7 |
| **TOTAL U.S.** | 12,881 | 11,771 | 3,477 | 12,151 | 16,663 | 72.9 |
| **TOTAL U.S. Weeks Ended:** | | | | | | |
| *NOV*. 19, 1982 | 13,272 | 11,895 | 3,653 | 12,338 | 16,663 | 74.0 |
| *NOV*. 27, 1981 | 13,567 | 12,477 | 4,072 | 12,777 | 18,230 | 70.1 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | |
| *NOV*. 26, 1982 | 10,784 | 9,796 | 3,293 | 10,125 | 13,580 | 74.6 |
| *NOV*. 19, 1982 | 11,122 | 9,891 | 3,483 | 10,294 | 13,580 | 75.8 |
| *NOV*. 27, 1981 | 11,286 | 10,352 | 3,805 | 10,616 | 15,068 | 70.5 |

[1] Included in the Crude Oil Runs to Distillation Units.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *NOVEMBER* 26, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | | Jet Fuel | | | | |
|---|---|---|---|---|---|---|---|
| **DISTRICT** | **Total Motor Gasoline** | **Unleaded Motor Gasoline**[1] | **Naphtha Type** | **Kerosine Type** | **Kerosine** | **Distillate Fuel Oil**[2] | **Residual Fuel Oil** |
| East Coast | 576 | 347 | 9 | 15 | -- | 314 | 124 |
| Appal. No. 1 | 26 | 10 | 3 | -- | 1 | 23 | 8 |
| **DISTRICT 1 TOTAL** | 602 | 357 | 12 | 15 | 1 | 337 | 132 |
| Appal. No. 2 | 33 | 20 | -- | 1 | -- | 14 | 2 |
| Ind., Ill., Ky. | 990 | 615 | 8 | 65 | 23 | 378 | 66 |
| Minn., Wis., Daks. | 141 | 47 | 2 | 6 | 14 | 86 | 8 |
| Okla., Kans., Mo. | 487 | 184 | 6 | 13 | 3 | 253 | 15 |
| **DISTRICT 2 TOTAL** | 1,651 | 866 | 16 | 85 | 40 | 731 | 91 |
| Inland Texas | 247 | 123 | 26 | 20 | 8 | 112 | 24 |
| Texas Gulf Coast | 1,423 | 856 | 25 | 204 | 39 | 761 | 238 |
| La. Gulf Coast | 1,062 | 468 | 13 | 219 | 30 | 401 | 164 |
| N. La. and Ark. | 58 | 21 | 3 | -- | -- | 43 | 12 |
| New Mexico | 58 | 22 | 11 | 1 | 5 | 33 | 5 |
| **DISTRICT 3 TOTAL** | 2,848 | 1,490 | 78 | 444 | 82 | 1,350 | 443 |
| **DISTRICT 4 TOTAL** | 235 | 88 | 17 | 19 | 1 | 108 | 11 |
| **DISTRICT 5 TOTAL** | 918 | 559 | 59 | 215 | 2 | 349 | 319 |
| **TOTAL U.S.** | 6,254 | 3,360 | 182 | 778 | 126 | 2,875 | 996 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *NOV.* 19, 1982 | 6,273 | 3,525 | 168 | 818 | 174 | 2,906 | 1,080 |
| *NOV.* 27, 1981 | 6,684 | 3,515 | 171 | 798 | 122 | 2,707 | 1,150 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| *NOV.* 26, 1982 | 5,336 | 2,801 | 123 | 563 | 124 | 2,526 | 677 |
| *NOV.* 19, 1982 | 5,312 | 2,964 | 119 | 639 | 169 | 2,551 | 711 |
| *NOV.* 27, 1981 | 5,716 | 2,971 | 124 | 571 | 117 | 2,365 | 798 |

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[1] Refinery shipments only.

[2] Includes Grade No. 4 fuel oil.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *NOVEMBER* 26, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| New England | 6,099 | 3,344 | 87 | 738 | 1,100 | 18,264 | 2,827 | -- |
| Central Atlantic | 31,559 | 13,439 | 274 | 5,372 | 2,547 | 52,752 | 24,230 | 13,247 |
| Lower Atlantic | 28,328 | 14,781 | 95 | 3,603 | 1,709 | 16,465 | 4,595 | 467 |
| East Coast | 61,751 | 29,334 | 413 | 9,343 | 5,052 | 84,209 | 31,135 | 12,687 |
| Appal. No. 1 | 4,235 | 2,230 | 43 | 370 | 304 | 3,272 | 517 | 1,027 |
| **DISTRICT 1 TOTAL** | 65,986 | 31,564 | 456 | 9,713 | 5,356 | 87,481 | 31,652 | 13,714 |
| Appal. No. 2 | 2,791 | 1,243 | 22 | 222 | 305 | 1,909 | 386 | 109 |
| Ind., Ill., Ky. | 35,118 | 14,388 | 586 | 4,335 | 2,099 | 23,495 | 3,344 | 13,928 |
| Minn., Wis., Daks. | 6,860 | 2,680 | 159 | 558 | 119 | 6,640 | 422 | 486 |
| Okla., Kans., Mo. | 18,733 | 6,711 | 592 | 1,864 | 280 | 13,305 | 991 | 6,007 |
| **DISTRICT 2 TOTAL** | 63,502 | 25,022 | 1,359 | 6,979 | 2,803 | 45,349 | 5,143 | 20,530 |
| Inland Texas | 7,686 | 3,111 | 612 | 1,718 | 54 | 3,518 | 343 | 2,616 |
| Texas Gulf Coast | 27,801 | 10,278 | 825 | 4,541 | 1,369 | 17,325 | 8,511 | 28,416 |
| La. Gulf Coast | 19,281 | 6,661 | 540 | 3,232 | 786 | 8,913 | 7,166 | 15,620 |
| N. La. and Ark. | 11,266 | 5,432 | 289 | 1,245 | 343 | 6,467 | 396 | 937 |
| New Mexico | 761 | 263 | 503 | 62 | 30 | 337 | 92 | 405 |
| **DISTRICT 3 TOTAL** | 66,795 | 25,745 | 2,769 | 10,798 | 2,582 | 36,560 | 16,508 | 47,994 |
| **DISTRICT 4 TOTAL** | 6,857 | 2,143 | 301 | 814 | 45 | 3,313 | 498 | 2,746 |
| **DISTRICT 5 TOTAL** | 26,973 | 9,351 | 1,399 | 5,692 | 147 | 10,308 | 8,485 | 25,207 |
| **TOTAL U.S.** | 230,113 | 93,825* | 6,284 | 33,996 | 10,933 | 183,011 | 62,286 | 110,191 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | |
| *NOV.* 19, 1982 | 228,356 | 93,592 | 6,092 | 34,281 | 11,093 | 180,084 | 63,656 | 110,920 |
| *NOV.* 27, 1981 | 244,097 | 96,048 | 6,354 | 34,195 | 12,483 | 196,201 | 81,329 | 115,012 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | | |
| *NOV.* 26, 1982 | 203,140 | 84,474 | 4,885 | 28,304 | 10,786 | 172,703 | 53,801 | 84,984 |
| *NOV.* 19, 1982 | 200,755 | 83,485 | 4,788 | 28,420 | 10,899 | 170,084 | 55,517 | 86,300 |
| *NOV.* 27, 1981 | 213,582 | 84,798 | 4,776 | 28,171 | 12,253 | 184,265 | 70,916 | 89,408 |

[1] Included in Total Motor Gasoline stocks.
[2] Includes Grade No. 4 fuel oil

**INCLUDES* 22,055 *BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*
*DIST.* 1: 2,630 *DIST.* 2: 5,324 *DIST.* 3: 9,253 *DIST.* 4: 800 *DIST.* 5: 4,048

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *JULY* 1982 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *NOV.* 26, 1982 | 5,851.6 | 5,840.0 | 3,273 | 170 | 264,941 |
| *NOV.* 19, 1982 | 5,851.6 | -- | 3,863 | 188 | 263,262 |
| *NOV.* 12, 1982 | 5,851.6 | -- | 2,887 | 170 | 260,338 |
| *NOV.* 5, 1982 | 5,848.0 | -- | 3,285 | 168 | 260,605 |
| **DISTRICT 5 TOTAL** | | | | | |
| *NOV.* 26, 1982 | 2,766.0 | 2,816.0 | 139 | 14 | 76,934 * |
| *NOV.* 19, 1982 | 2,766.0 | -- | 272 | -- | 84,236 |
| *NOV.* 12, 1982 | 2,766.0 | -- | 15 | 14 | 78,885 |
| *NOV.* 5, 1982 | 2,809.5 | -- | 359 | -- | 88,669 |

**INCLUDES* 24,753 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| | | | | | |
|---|---|---|---|---|---|
| **TOTAL U.S.** | | | | | |
| *NOV.* 26, 1982 | 8,617.6 | 8,656.0 | 3,412 | 184 | 341,875 * |
| *NOV.* 19, 1982 | 8,617.6 | -- | 4,135 | 188 | 347,498 |
| *NOV.* 12, 1982 | 8,617.6 | -- | 2,902 | 184 | 339,223 |
| *NOV.* 5, 1982 | 8,657.5 | -- | 3,644 | 168 | 349,274 |
| *NOV.* 27, 1981 | 8,572.6/A | -- | 3,849 | 160 | 369,002 |

*/A DOE ACTUAL FOR NOVEMBER* 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| | Week Ended *NOVEMBER 26, 1982* | | | Week Ended *NOVEMBER 27, 1981* | | |
|---|---|---|---|---|---|---|
| Location | Domestic | Foreign | Total | Domestic | Foreign | Total |
| PAD District 1 | 3,763 | 13,724 | 17,487 | 4,933 | 16,625 | 21,558 |
| PAD District 2 | 61,909 | 13,619 | 75,528 | 68,276 | 14,449 | 82,725 |
| PAD District 3 | 119,438 | 40,527 | 159,965 | 126,965 | 43,729 | 170,694 |
| PAD District 4 | 10,336 | 1,625 | 11,961 | 15,312 | 645 | 15,957 |
| **TOTAL PAD DISTRICTS 1—4** | 195,446 | 69,495 | 264,941 | 215,486 | 75,448 | 290,934 |
| **PAD District 5** | 71,563 | 5,371 | 76,934 * | 71,131 | 6,937 | 78,068 |
| **TOTAL U.S.** | 267,009 | 74,866 | 341,875 * | 286,617 | 82,385 | 369,002 |

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[1] See definitional notes, Page 6

API WEEKLY STATISTICAL BULLETIN
Week Ended NOVEMBER 26, 1982

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | -- | -- | -- | 5 | -- | -- | -- | -- | -- | 5 |
| Central Atlantic | 100 | 49 | 10 | 11 | 7 | 91 | -- | 499 | 3 | -- | 6 | -- | 1 | 104 | 832 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 101 | -- | -- | -- | -- | -- | -- | 101 |
| **DISTRICT 1 TOTAL**[2] | | | | | | | | | | | | | | | |
| NOV. 26, 1982 | 100 | 49 | 10 | 11 | 7 | 91 | -- | 600 | 8 | -- | 6 | -- | 1 | 104 | 938 |
| NOV. 19, 1982 | 100 | 49 | 10 | 47 | 7 | 98 | -- | 791 | 9 | 16 | 5 | -- | 3 | 48 | 1,134 |
| NOV. 12, 1982 | 104 | 47 | -- | 3 | 15 | 119 | -- | 541 | 8 | -- | -- | -- | 1 | 27 | 818 |
| NOV. 5, 1982 | 106 | 47 | 5 | 11 | 4 | 75 | -- | 601 | 6 | 80 | 111 | -- | 1 | 37 | 1,037 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| NOV. 26, 1982 | 11 | 3 | -- | -- | -- | 1 | -- | 100 | 288 | 73 | 39 | 177 | 8 | 184 | 881 |
| NOV. 19, 1982 | 11 | 4 | -- | -- | -- | 2 | -- | 83 | 270 | 56 | 5 | 11 | -- | 137 | 575 |
| NOV. 12, 1982 | 12 | 1 | -- | -- | -- | 2 | -- | 80 | 205 | -- | 8 | 10 | -- | 7 | 324 |
| NOV. 5, 1982 | 17 | 4 | -- | -- | -- | 6 | -- | 110 | 170 | 80 | 47 | -- | -- | 20 | 450 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| NOV. 26, 1982 | 39 | 13 | 2 | 1 | -- | 6 | -- | 10 | 18 | 5 | 6 | -- | -- | 3 | 90 |
| NOV. 19, 1982 | 40 | 13 | 2 | 1 | -- | 5 | -- | 19 | 15 | -- | 5 | -- | -- | 7 | 94 |
| NOV. 12, 1982 | 46 | 14 | -- | -- | -- | 5 | -- | 10 | 14 | -- | -- | 1 | -- | 15 | 91 |
| NOV. 5, 1982 | 47 | 13 | 12 | 12 | -- | 6 | -- | 10 | 15 | 25 | 20 | 1 | -- | -- | 148 |
| **TOTAL U.S.** | 150 | 65 | 12 | 12 | 7 | 98 | -- | 710 | 314 | 78 | 51 | 177 | 9 | 291 | 1,909 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | | | | | | | | | | |
| NOV. 19, 1982 | 151 | 66 | 12 | 48 | 7 | 105 | -- | 893 | 294 | 72 | 15 | 11 | 3 | 192 | 1,803 |
| NOV. 12, 1982 | 162 | 62 | -- | 3 | 15 | 126 | -- | 631 | 227 | -- | 8 | 11 | 1 | 49 | 1,233 |
| NOV. 5, 1982 | 170 | 64 | 17 | 23 | 4 | 87 | -- | 721 | 191 | 185 | 178 | 1 | 1 | 57 | 1,635 |
| NOV. 27, 1981 | 137 | 88 | -- | -- | 5 | 116 | -- | 904 | 287 | -- | 1 | 12 | 4 | 38 | 1,504 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

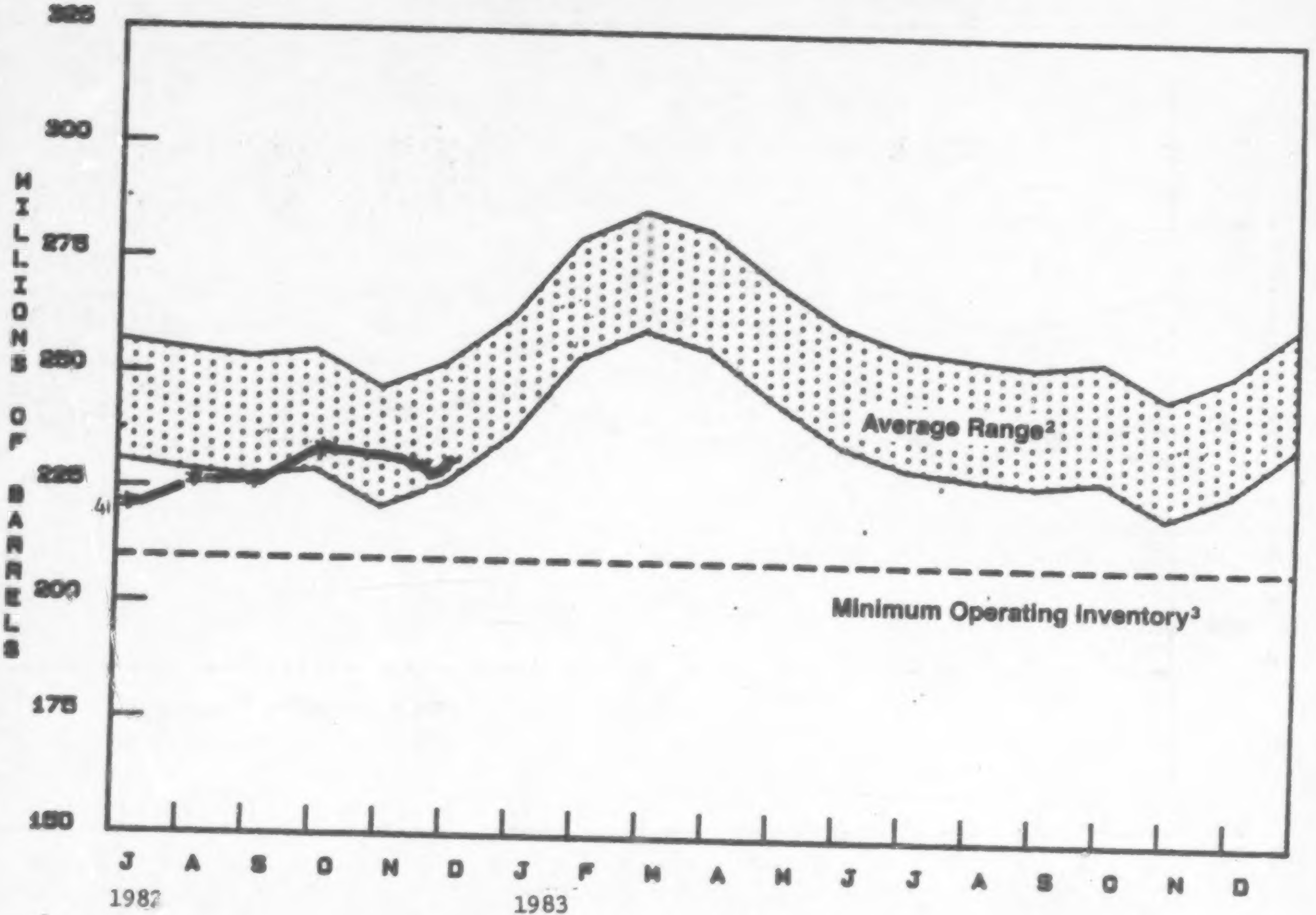
Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

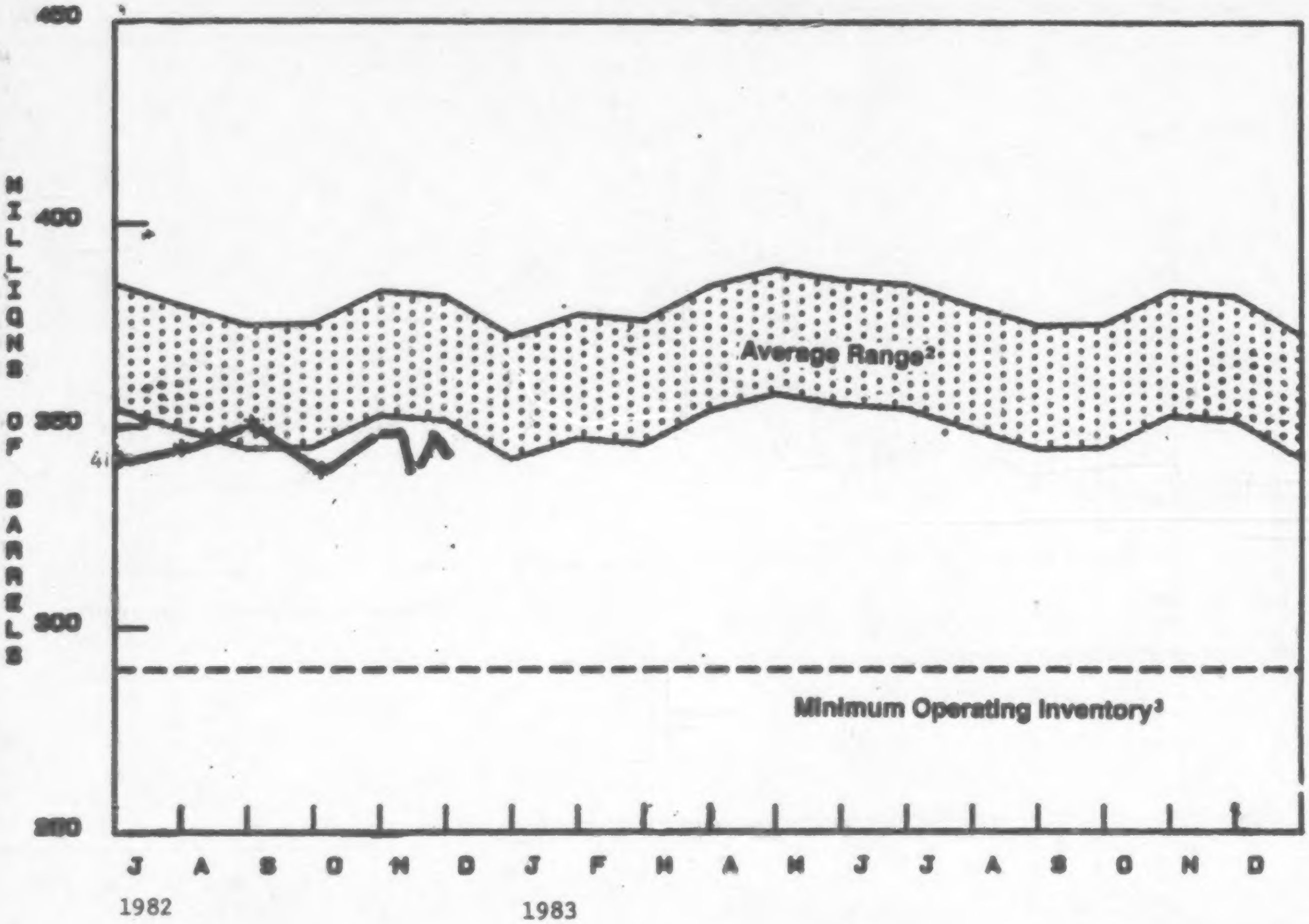
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] 5



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

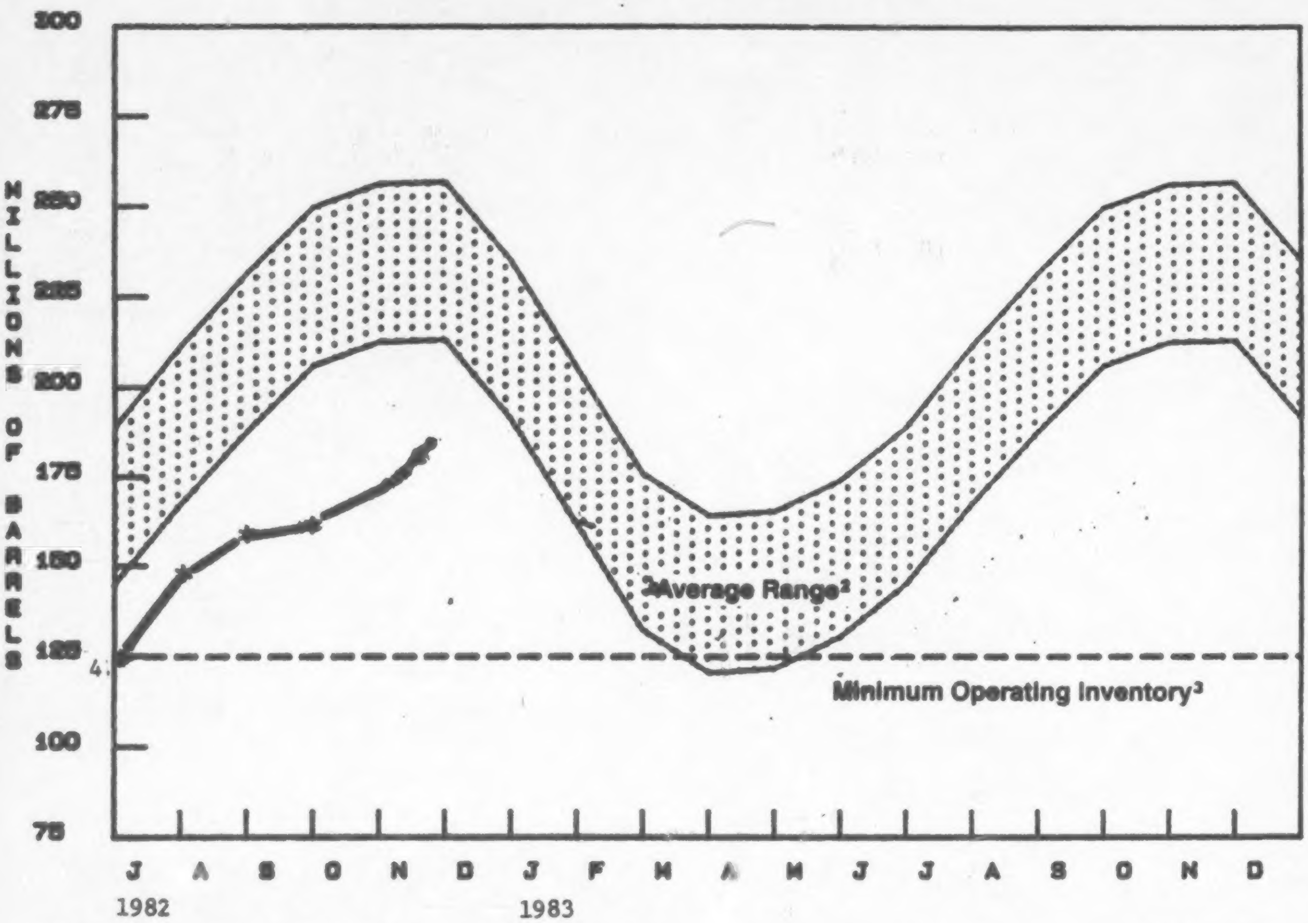
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

**Distillate Fuel Oil Stocks at Primary Level[1] [5]**



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 12/14/82

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** DECEMBER 3, 1982 **NO.** 48

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 12/03/82 | Last Week Ending: 11/26/82 | Last Year Week Ending: 12/04/81 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 12,117 | 12,183 | 13,019 | - 66 | - 902 |
| Operable capacity | 16,663 | 16,663 | 18,230 | 0 | - 1,567 |
| Percent operated | 72.7 | 73.1 | 71.4 | | |
| **Motor Gasoline** | | | | | |
| Motor gasoline production | 6,305 | 6,254 | 7,053 | + 51 | - 748 |
| Refinery shipments of unleaded motor gasoline | 3,646 | 3,360 | 3,435 | + 286 | + 211 |
| Total Motor gasoline stocks | 228,925 | 230,113 | 246,233 | - 1,188 | - 17,308 |
| Finished unleaded motor gasoline stock | 93,300 | 93,825 | 95,460 | - 525 | - 2,160 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,878 | 2,875 | 2,896 | + 3 | - 18 |
| Distillate fuel oil stocks | 187,589 | 183,011 | 197,665 | + 4,578 | - 10,076 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 994 | 996 | 1,280 | - 2 | - 286 |
| Residual fuel oil stocks | 64,669 | 62,286 | 81,787 | + 2,383 | - 17,118 |
| **Imports** | | | | | |
| Crude oil imports | 3,790 | 3,412 | 5,039 | + 378 | - 1,249 |
| Product imports | 1,663 | 1,909 | 1,790 | - 246 | - 127 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 351,561 | 343,619 | 369,078 | + 7,942 | - 17,517 |

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*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.*

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

weekly
statistical
bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *DECEMBER* 3, 1982 **NO.** 48

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|---|
| East Coast | 1,216 | 1,104● | 1,037● | 1,135 | 1,569 | 72.3 |
| Appal. No. 1 | 94 | 89 | -- | 90 | 98 | 91.8 |
| **DISTRICT 1 TOTAL** | 1,310 | 1,193● | 1,037● | 1,225 | 1,667 | 73.5 |
| Appal. No. 2 | 61 | 56 | 7 | 59 | 66 | 89.4 |
| Ind., Ill., Ky. | 1,691 | 1,588 | 447 | 1,601 | 2,399 | 66.7 |
| Minn., Wis., Daks. | 280 | 266 | 108 | 278 | 293 | 94.9 |
| Okla., Kans., Mo. | 775 | 680 | 39 | 693 | 858 | 80.8 |
| **DISTRICT 2 TOTAL** | 2,807 | 2,590 | 601 | 2,631 | 3,616 | 72.8 |
| Inland Texas | 522 | 475 | 29 | 504 | 592 | 85.1 |
| Texas Gulf Coast | 3,022 | 2,721 | 747 | 2,823 | 3,993 | 70.7 |
| La. Gulf Coast | 2,139 | 1,958 | 738 | 2,089 | 2,728 | 76.6 |
| N. La. and Ark. | 188 | 186 | 12 | 193 | 314 | 61.5 |
| New Mexico | 121 | 83 | -- | 88 | 117 | 75.2 |
| **DISTRICT 3 TOTAL** | 5,992 | 5,423 | 1,526 | 5,697 | 7,744 | 73.6 |
| **DISTRICT 4 TOTAL** | 518 | 493 | 53 | 500 | 553 | 90.4 |
| **DISTRICT 5 TOTAL** | 2,148● | 2,004● | 191● | 2,064● | 3,083 | 66.9● |
| **TOTAL U.S.** | 12,775 | 11,703 | 3,408 | 12,117 | 16,663 | 72.7 |
| **TOTAL U.S. Weeks Ended:** | | | | | | |
| *NOV.* 26, 1982 | 12,912● | 11,788● | 3,461● | 12,183● | 16,663 | 73.1● |
| *DEC.* 4, 1981 | 14,042 | 12,714 | 4,076 | 13,019 | 18,230 | 71.4 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | |
| *DEC.* 3, 1982 | 10,627 | 9,699 | 3,217 | 10,053 | 13,580 | 74.0 |
| *NOV.* 26, 1982 | 10,784 | 9,783● | 3,258● | 10,125 | 13,580 | 74.6 |
| *DEC.* 4, 1981 | 11,731 | 10,534 | 3,889 | 10,760 | 15,068 | 71.4 |

[1] Included in the Crude Oil Runs to Distillation Units.

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *DECEMBER* 3, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 571 | 427 | 9 | 19 | 16● | 299 | 135 |
| Appal. No. 1 | 32 | 13 | 2 | -- | 3 | 19 | 9 |
| **DISTRICT 1 TOTAL** | 603 | 440 | 11 | 19 | 19● | 318 | 144 |
| Appal. No. 2 | 32 | 15 | -- | 3 | -- | 13 | 5 |
| Ind., Ill., Ky. | 956 | 644 | 11 | 97 | 7 | 347 | 46 |
| Minn., Wis., Daks. | 146 | 64 | 4 | 6 | -- | 78 | 12 |
| Okla., Kans., Mo. | 396 | 144 | 6 | 22 | 9 | 224 | 15 |
| **DISTRICT 2 TOTAL** | 1,530 | 867 | 21 | 128 | 16 | 662 | 78 |
| Inland Texas | 286 | 139 | 25 | 23 | 1 | 124 | 33 |
| Texas Gulf Coast | 1,372 | 808 | 19 | 194 | 20 | 754 | 183 |
| La. Gulf Coast | 1,106 | 688 | 10 | 265 | 40 | 427 | 211 |
| N. La. and Ark. | 68 | 24 | 10 | -- | -- | 51 | 14 |
| New Mexico | 58 | 16 | 13 | 2 | 2 | 28 | 4 |
| **DISTRICT 3 TOTAL** | 2,890 | 1,675 | 77 | 484 | 63 | 1,384 | 445 |
| **DISTRICT 4 TOTAL** | 271 | 98 | 13 | 21 | 3 | 135 | 11 |
| **DISTRICT 5 TOTAL** | 1,011 | 566 | 56 | 202 | 2 | 379 | 316 |
| **TOTAL U.S.** | 6,305 | 3,646 | 178 | 854 | 103 | 2,878 | 994 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *NOV*. 26, 1982 | 6,254 | 3,360 | 182 | 778 | 140● | 2,875 | 996 |
| *DEC*. 4, 1981 | 7,053 | 3,435 | 215 | 858 | 87 | 2,896 | 1,280 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| *DEC*. 3, 1982 | 5,294 | 3,080 | 122 | 652 | 101 | 2,499 | 678 |
| *NOV*. 26, 1982 | 5,336 | 2,801 | 123 | 563 | 138● | 2,526 | 677 |
| *DEC*. 4, 1981 | 6,018 | 2,928 | 156 | 638 | 79 | 2,527 | 916 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended**

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | | |
| New England | 6,367 | 3,253 | 68 | 855 | 1,064 | 19,296 | 2,921 | -- |
| Central Atlantic | 31,773 | 13,887 | 329 | 5,728 | 2,558 | 52,335 | 25,608 | 13,938● |
| Lower Atlantic | 27,337 | 14,142 | 108 | 3,775 | 1,811 | 18,498 | 5,039 | 589 |
| East Coast | 60,929 | 28,822 | 378 | 10,140 | 5,047 | 86,596 | 33,049 | 13,506● |
| Appal. No. 1 | 4,548 | 2,460 | 127 | 218 | 386 | 3,533 | 519 | 1,021 |
| **DISTRICT 1 TOTAL** | 65,477 | 31,282 | 505 | 10,358 | 5,433 | 90,129 | 33,568 | 14,527● |
| Appal. No. 2 | 2,760 | 1,290 | 10 | 191 | 305 | 1,898 | 319 | 114 |
| Ind., Ill., Ky. | 35,900● | 15,907● | 574 | 4,443 | 2,114● | 24,209● | 3,227 | 13,652 |
| Minn., Wis., Daks. | 6,990 | 2,757 | 195 | 607 | 92 | 6,535 | 440 | 506 |
| Okla., Kans., Mo. | 19,335 | 6,594 | 554 | 2,202 | 319 | 13,625 | 892 | 5,908 |
| **DISTRICT 2 TOTAL** | 64,985● | 26,548● | 1,333 | 7,443 | 2,830● | 46,267● | 4,878 | 20,180 |
| Inland Texas | 8,490 | 3,110 | 620 | 1,222 | 75 | 3,338 | 379 | 2,480 |
| Texas Gulf Coast | 26,021● | 8,534● | 688 | 4,846 | 1,332● | 17,754● | 8,504 | 28,295● |
| La. Gulf Coast | 18,351 | 5,679 | 433 | 2,922 | 893 | 9,252 | 7,759 | 14,769 |
| N. La. and Ark. | 10,762 | 6,085 | 610 | 1,531 | 140 | 6,313 | 311 | 916 |
| New Mexico | 863 | 266 | 449 | 104 | 40 | 387 | 88 | 309 |
| **DISTRICT 3 TOTAL** | 64,487● | 23,674● | 2,800 | 10,625 | 2,480● | 37,044● | 17,041 | 46,769● |
| **DISTRICT 4 TOTAL** | 6,888 | 2,027 | 324 | 772 | 35 | 3,502 | 483 | 2,691 |
| **DISTRICT 5 TOTAL** | 27,088 | 9,769 | 1,453 | 5,605 | 116 | 10,647 | 8,699 | 24,553 |
| **TOTAL U.S.** | 228,925 | *<br>93,300 | 6,415 | 34,803 | 10,894 | 187,589 | 64,669 | 108,720 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | | |
| NOV. 26, 1982 | 230,113 | 93,825 | 6,284 | 33,996 | 10,933 | 183,011 | 62,286 | 110,167● |
| DEC. 4, 1981 | 246,233 | 95,460 | 6,926 | 35,029 | 11,362 | 197,665 | 81,787 | 116,152 |
| **DISTRICTS 1—4<br>Weeks Ended:** | | | | | | | | |
| DEC. 3, 1982 | 201,837 | 83,531 | 4,962 | 29,198 | 10,778 | 176,942 | 55,970 | 84,167 |
| NOV. 26, 1982 | 203,140 | 84,474 | 4,885 | 28,304 | 10,786 | 172,703 | 53,801 | 84,960● |
| DEC. 4, 1981 | 214,648 | 83,767 | 5,372 | 28,465 | 11,128 | 185,834 | 71,509 | 89,197 |

[1] Included in Total Motor Gasoline stocks.
[2] Includes Grade No. 4 fuel oil

*INCLUDES 21,600 BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:
DIST. 1: 2,698 DIST. 2: 5,159 DIST. 3: 8,661 DIST. 4: 703 DIST. 5: 4,379

● SEE REVISIONS ON PAGE 7

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1]<br>API Monthly | <br>Latest Dept. of Energy *JULY* 1982 | Crude Oil Imports[1]<br>Total | <br>From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | ----------Daily Average---------- | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *DEC.* 3, 1982 | 5,851.6 | 5,840.0 | 3,550 | 158 | 269,414 |
| *NOV.* 26, 1982 | 5,851.6 | -- | 3,273 | 170 | 266,685● |
| *NOV.* 19, 1982 | 5,851.6 | -- | 3,863 | 188 | 263,262 |
| *NOV.* 12, 1982 | 5,851.6 | -- | 2,887 | 170 | 260,338 |
| **DISTRICT 5 TOTAL** | | | | | |
| *DEC.* 3, 1982 | 2,766.0 | 2,816.0 | 240 | 14 | 82,147 * |
| *NOV.* 26, 1982 | 2,766.0 | -- | 139 | 14 | 76,934 |
| *NOV.* 19, 1982 | 2,766.0 | -- | 272 | -- | 84,236 |
| *NOV.* 12, 1982 | 2,766.0 | -- | 15 | 14 | 78,885 |

**INCLUDES* 25,623 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *DEC.* 3, 1982 | 8,617.6 | 8,656.0 | 3,790 | 172 | 351,561 * |
| *NOV.* 26, 1982 | 8,617.6 | -- | 3,412 | 184 | 343,619● |
| *NOV.* 19, 1982 | 8,617.6 | -- | 4,135 | 188 | 347,498 |
| *NOV.* 12, 1982 | 8,617.6 | -- | 2,902 | 184 | 339,223 |
| *DEC.* 4, 1981 | 8,572.6/A | -- | 5,039 | 191 | 369,078 |

*/A DOE ACTUAL FOR NOVEMBER* 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | Week Ended *DECEMBER 3, 1982*<br>Domestic | <br>Foreign | <br>Total | Week Ended *DECEMBER 4, 1981*<br>Domestic | <br>Foreign | <br>Total |
|---|---|---|---|---|---|---|
| PAD District 1 | 3,336 | 13,356 | 16,692 | 5,311 | 15,007 | 20,318 |
| PAD District 2 | 62,638 | 13,520 | 76,158 | 67,715 | 14,349 | 82,064 |
| PAD District 3 | 121,526● | 42,357 | 163,883● | 126,797 | 40,295 | 167,092 |
| PAD District 4 | 11,111 | 1,570 | 12,681 | 15,067 | 691 | 15,758 |
| **TOTAL PAD DISTRICTS 1—4** | 198,611● | 70,803 | 269,414● | 214,890 | 70,342 | 285,232 |
| PAD District 5 | 76,310 | 5,837 | 82,147 * | 76,447 | 7,399 | 83,846 |
| **TOTAL U.S.** | 274,921● | 76,640 | 351,561●* | 291,337 | 77,741 | 369,078 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** DECEMBER 3, 1982

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | | | | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | -- | 27 | 3 | -- | -- | -- | -- | -- | 30 |
| Central Atlantic | 135 | 81 | 6 | 9 | 9 | 87 | -- | 271 | 4 | 17 | 11 | -- | 2 | 19 | 570 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 366 | -- | -- | -- | -- | -- | -- | 366 |
| **DISTRICT 1 TOTAL[2]** | | | | | | | | | | | | | | | |
| DEC. 3, 1982 | 135 | 81 | 6 | 9 | 9 | 87 | -- | 664 | 7 | 17 | 11 | -- | 2 | 19 | 966 |
| NOV. 26, 1982 | 100 | 49 | 10 | 11 | 7 | 91 | -- | 600 | 8 | -- | 6 | -- | 1 | 104 | 938 |
| NOV. 19, 1982 | 100 | 49 | 10 | 47 | 7 | 98 | -- | 791 | 9 | 16 | 5 | -- | 3 | 48 | 1,134 |
| NOV. 12, 1982 | 104 | 47 | -- | 3 | 15 | 119 | -- | 541 | 8 | -- | -- | -- | 1 | 27 | 818 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 3, 1982 | 10 | 1 | -- | -- | -- | 2 | -- | 115 | 213 | 48 | 14 | 179 | -- | 20 | 601 |
| NOV. 26, 1982 | 11 | 3 | -- | -- | -- | 1 | -- | 100 | 288 | 73 | 39 | 177 | 8 | 184 | 881 |
| NOV. 19, 1982 | 11 | 4 | -- | -- | -- | 2 | -- | 83 | 270 | 56 | 5 | 11 | -- | 137 | 575 |
| NOV. 12, 1982 | 12 | 1 | -- | -- | -- | 2 | -- | 80 | 205 | -- | 8 | 10 | -- | 7 | 324 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 3, 1982 | 41 | 12 | 3 | 2 | -- | 6 | -- | 12 | 16 | 5 | 6 | 1 | -- | 4 | 96 |
| NOV. 26, 1982 | 39 | 13 | 2 | 1 | -- | 6 | -- | 10 | 18 | 5 | 6 | -- | -- | 3 | 90 |
| NOV. 19, 1982 | 40 | 13 | 2 | 1 | -- | 5 | -- | 19 | 15 | -- | 5 | -- | -- | 7 | 94 |
| NOV. 12, 1982 | 46 | 14 | -- | -- | -- | 5 | -- | 10 | 14 | -- | -- | 1 | -- | 15 | 91 |
| **TOTAL U.S.** | 186 | 94 | 9 | 11 | 9 | 95 | -- | 791 | 236 | 70 | 31 | 180 | 2 | 43 | 1,663 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | | | | | |
| NOV. 26, 1982 | 150 | 65 | 12 | 12 | 7 | 98 | -- | 710 | 314 | 78 | 51 | 177 | 9 | 291 | 1,909 |
| NOV. 19, 1982 | 151 | 66 | 12 | 48 | 7 | 105 | -- | 893 | 294 | 72 | 15 | 11 | 3 | 192 | 1,803 |
| NOV. 12, 1982 | 162 | 62 | -- | 3 | 15 | 126 | -- | 631 | 227 | -- | 8 | 11 | 1 | 49 | 1,233 |
| DEC. 4, 1981 | 180 | 105 | -- | -- | 5 | 120 | -- | 1,114 | 308 | -- | 2 | 7 | 4 | 50 | 1,790 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

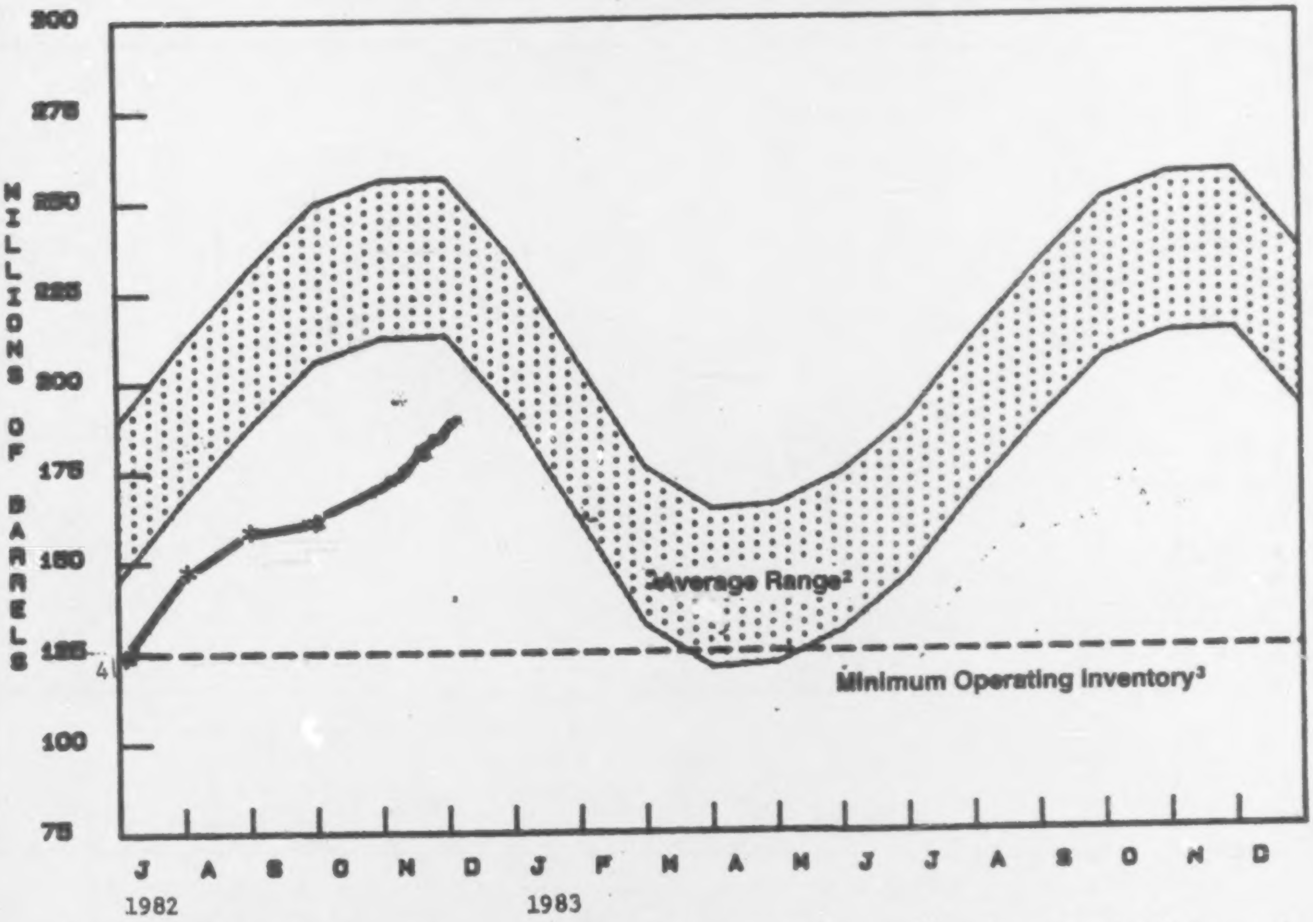
| | | | | |
|---|---|---|---|---|
| 11/26/82 | PAGE 1 | TOTAL REFINERY INPUT | DISTRICT 5 TOTAL | 2,128 |
| | | | TOTAL U.S. | 12,912 |
| | | CRUDE OIL RUNS | EAST COAST | 1,113 |
| | | | DISTRICT 1 TOTAL | 1,204 |
| | | | DISTRICT 5 TOTAL | 2,005 |
| | | | TOTAL U.S. | 11,788 |
| | | | DISTRICTS 1-4 | 9,783 |
| | | FOREIGN CRUDE RUNS | EAST COAST | 1,050 |
| | | | DISTRICT 1 TOTAL | 1,050 |
| | | | DISTRICT 5 TOTAL | 203 |
| | | | TOTAL U.S. | 3,461 |
| | | | DISTRICTS 1-4 | 3,258 |
| | | INPUT TO CRUDE OIL | DISTRICT 5 TOTAL | 2,058 |
| | | | TOTAL U.S. | 12,183 |
| | | o/o OPERATED | DISTRICT 5 TOTAL | 66.8 |
| | | | TOTAL U.S. | 73.1 |
| | PAGE 2 | KEROSINE | EAST COAST | 14 |
| | | | DISTRICT 1 TOTAL | 15 |
| | | | TOTAL U.S. | 140 |
| | | | DISTRICTS 1-4 | 138 |
| | PAGE 3 | TOTAL MGAS | IND., ILL., KY. | 35,397 |
| | | | DISTRICT 2 TOTAL | 63,781 |
| | | | TEXAS GULF COAST | 27,522 |
| | | | DISTRICT 3 TOTAL | 66,516 |
| | | UNLEADED MGAS | IND., ILL., KY. | 14,604 |
| | | | DISTRICT 2 TOTAL | 25,238 |
| | | | TEXAS GULF COAST | 10,062 |
| | | | DISTRICT 3 TOTAL | 25,529 |
| | | KEROSINE | IND., ILL., KY. | 2,124 |
| | | | DISTRICT 2 TOTAL | 2,828 |
| | | | TEXAS GULF COAST | 1,344 |
| | | | DISTRICT 3 TOTAL | 2,557 |
| | | DISTILLATE FUEL | IND., ILL., KY. | 23,714 |
| | | | DISTRICT 2 TOTAL | 45,568 |
| | | | TEXAS GULF COAST | 17,106 |
| | | | DISTRICT 3 TOTAL | 36,341 |
| | | UNFINISHED OILS | CENTRAL ATLANTIC | 12,926 |
| | | | EAST COAST | 12,366 |

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 3, 1982

## REVISIONS

| | | | | |
|---|---|---|---|---|
| | | | DISTRICT 1 TOTAL | 13,39 |
| | | | TEXAS GULF COAST | 28,71 |
| | | | DISTRICT 3 TOTAL | 48,29 |
| | | | TOTAL U.S. | 110,16 |
| | | | DISTRICTS 1-4 | 84,96 |
| PAGE 4 | TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 266,68 |
| | | | TOTAL U.S. | 343,61 |
| PAGE 4 | BOTTOM | DOMESTIC | PAD DISTRICT 3 | 121,1 |
| | | | TOTAL PAD DISTRICTS 1-4 | 197,1 |
| | | | TOTAL U.S. | 268,7 |
| | | TOTAL | PAD DISTRICT 3 | 161,7 |
| | | | TOTAL PAD DISTRICTS 1-4 | 266,6 |
| | | | TOTAL U.S. | 343,6 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

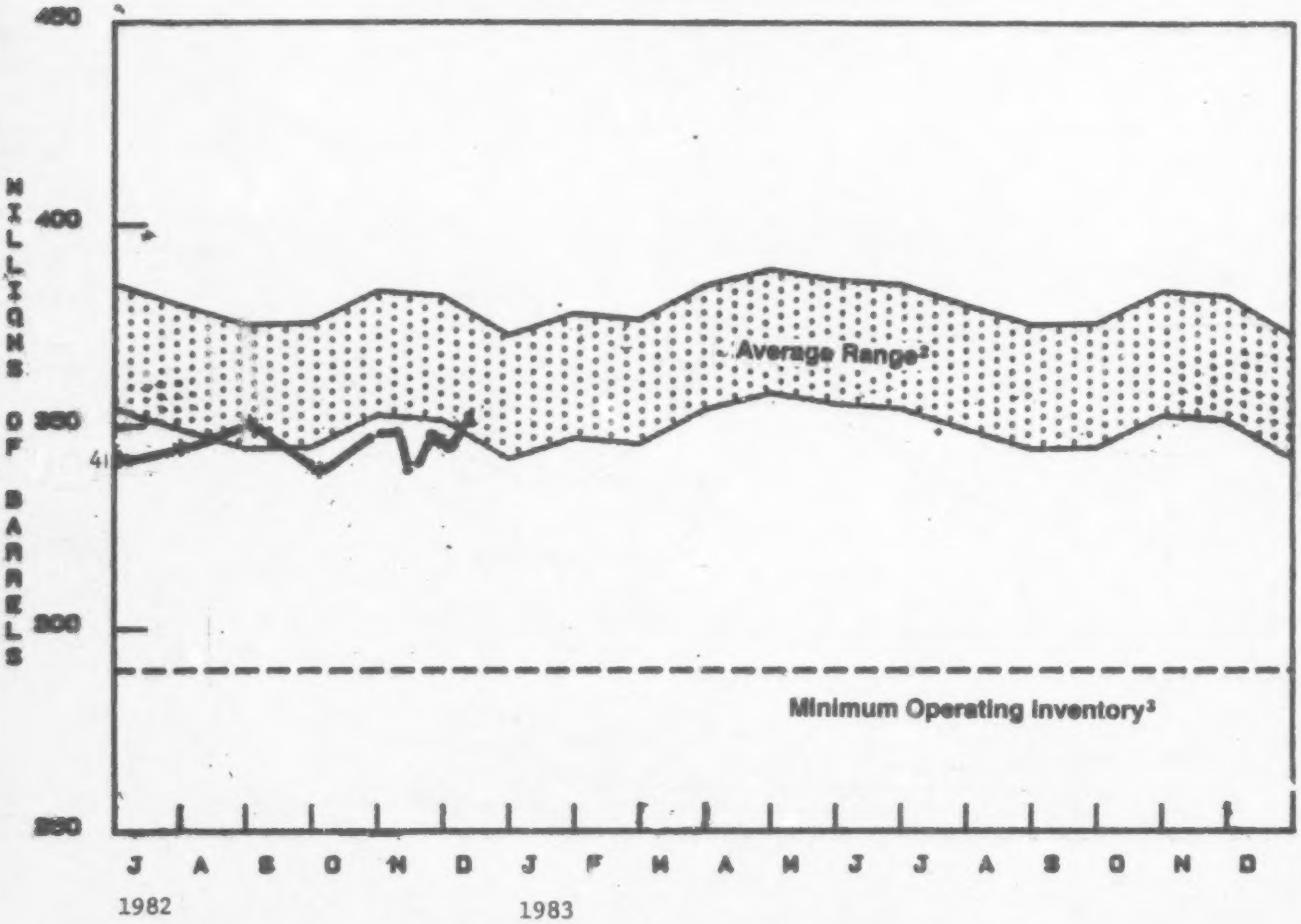
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended DECEMBER 3, 1982

## Crude Oil Stocks at Primary Level[1] 5



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

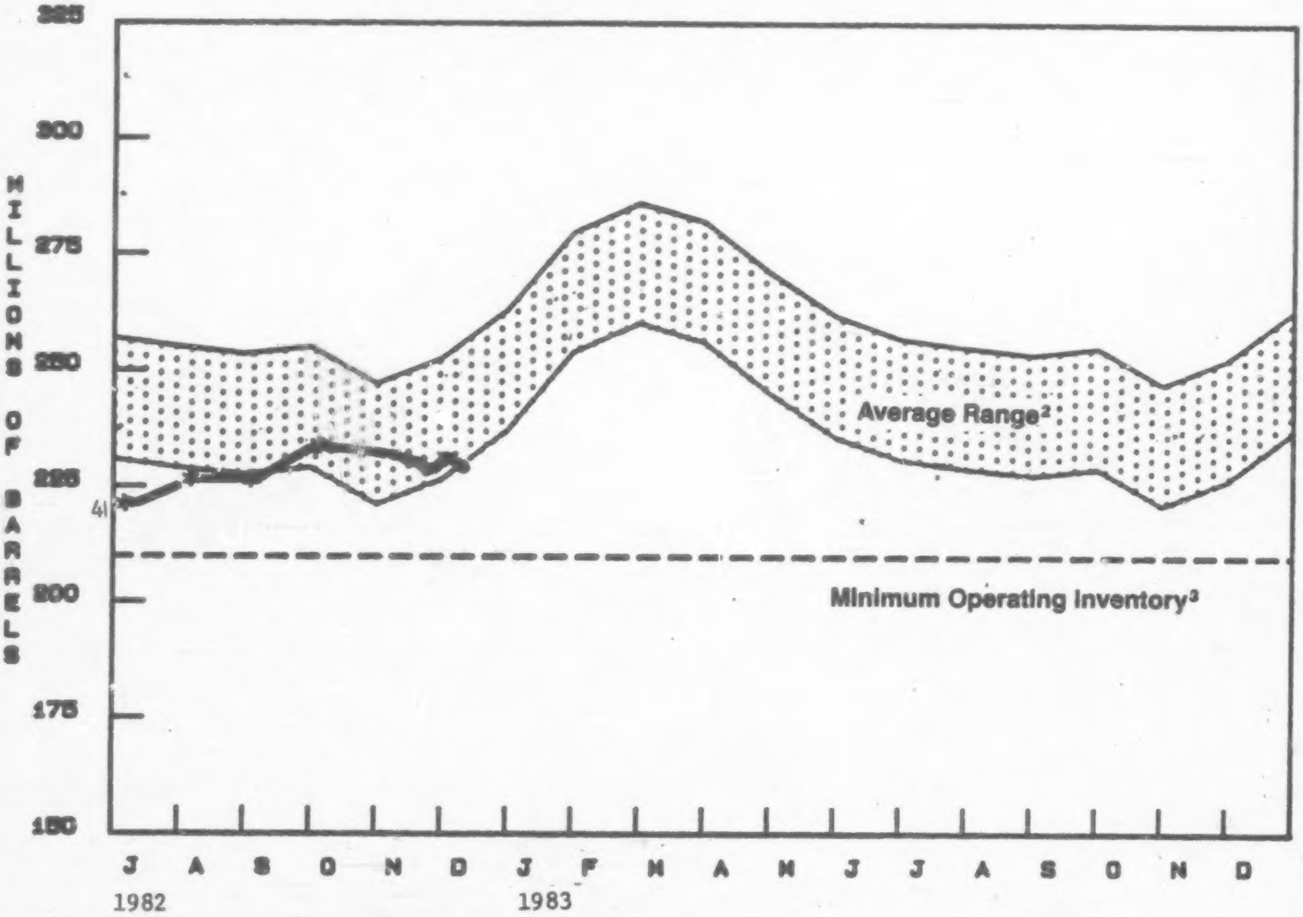
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** DECEMBER 10, 1982 **NO.** 49

# weekly statistical bulletin

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 12/10/82 | Last Week Ending: 12/03/82 | Last Year Week Ending: 12/11/81 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units * | 11,780 | 12,018 | 12,814 | - 238 | - 1,034 |
| Operable capacity | 16,663 | 16,663 | 18,230 | 0 | - 1,567 |
| Percent operated | 70.7 | 72.1 | 70.3 | | |
| **Motor Gasoline** | | | | | |
| Motor gasoline production | 6,269 | 6,285 | 6,589 | - 16 | - 320 |
| Refinery shipments of unleaded motor gasoline | 3,479 | 3,627 | 3,369 | - 148 | + 110 |
| Total Motor gasoline stocks | 232,906 | 228,925 | 250,313 | + 3,981 | - 17,407 |
| Finished unleaded motor gasoline stock | 94,637 | 93,300 | 96,375 | + 1,337 | - 1,738 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,775 | 2,853 | 2,824 | - 78 | - 49 |
| Distillate fuel oil stocks | 188,748 | 188,072 | 194,644 | + 676 | - 5,896 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 932 | 975 | 1,269 | - 43 | - 337 |
| Residual fuel oil stocks | 64,188 | 64,669 | 82,059 | - 481 | - 17,871 |
| **Imports** | | | | | |
| Crude oil imports | 3,260 | 3,790 | 3,600 | - 530 | - 340 |
| Product imports | 1,579 | 1,663 | 1,643 | - 84 | - 64 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 353,612 | 351,440 | 367,811 | + 2,172 | - 14,199 |

* SCHEDULED AND UNSCHEDULED SHUTDOWNS CAUSED DECREASES OF 207,000 BBL. PER DAY IN THE TEXAS GULF COAST DISTRICT AND 101,000 BBL. PER DAY IN THE LOUISIANA GULF COAST DISTRICT.

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TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *DECEMBER* 10, 1982 **NO.** 49

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|---|
| East Coast | 1,131 | 1,017 | 981 | 1,052 | 1,569 | 67.0 |
| Appal. No. 1 | 89 | 87 | -- | 87 | 98 | 88.8 |
| **DISTRICT 1 TOTAL** | 1,220 | 1,104 | 981 | 1,139 | 1,667 | 68.3 |
| Appal. No. 2 | 59 | 54 | 6 | 57 | 66 | 86.4 |
| Ind., Ill., Ky. | 1,802 | 1,518 | 431 | 1,685 | 2,399 | 70.2 |
| Minn., Wis., Daks. | 284 | 266 | 114 | 279 | 293 | 95.2 |
| Okla., Kans., Mo. | 815 | 727 | 34 | 740 | 858 | 86.2 |
| **DISTRICT 2 TOTAL** | 2,960 | 2,665 | 585 | 2,761 | 3,616 | 76.4 |
| Inland Texas | 505 | 444 | 33 | 462 | 592 | 78.0 |
| Texas Gulf Coast | 2,769 | 2,556 | 772 | 2,616 | 3,993 | 65.5 |
| La. Gulf Coast | 2,034● | 1,867● | 578● | 1,988● | 2,728 | 72.9● |
| N. La. and Ark. | 161 | 152 | 10 | 152 | 314 | 48.4 |
| New Mexico | 136 | 98 | -- | 103 | 117 | 88.0 |
| **DISTRICT 3 TOTAL** | 5,605● | 5,117● | 1,393● | 5,321● | 7,744 | 68.7● |
| **DISTRICT 4 TOTAL** | 478● | 456● | 45 | 465● | 553 | 84.1● |
| **DISTRICT 5 TOTAL** | 2,100 | 1,932 | 252 | 2,094 | 3,083 | 67.9 |
| **TOTAL U.S.** | 12,363 | 11,274 | 3,256 | 11,780 | 16,663 | 70.7 |
| **TOTAL U.S. Weeks Ended:** | | | | | | |
| *DEC*. 3, 1982 | 12,660● | 11,605● | 3,333● | 12,018● | 16,663 | 72.1● |
| *DEC*. 11, 1981 | 13,634 | 12,506 | 3,990 | 12,814 | 18,230 | 70.3 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | |
| *DEC*. 10, 1982 | 10,263 | 9,342 | 3,004 | 9,686 | 13,580 | 71.3 |
| *DEC*. 3, 1982 | 10,512● | 9,601● | 3,142● | 9,954● | 13,580 | 73.3● |
| *DEC*. 11, 1981 | 11,367 | 10,373 | 3,710 | 10,601 | 15,068 | 70.4 |

[1] Included in the Crude Oil Runs to Distillation Units.

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *DECEMBER* 10, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 633 | 356 | 6 | 18 | 6 | 257 | 149 |
| Appal. No. 1 | 27 | 14 | -- | -1 | 2 | 24 | 6 |
| **DISTRICT 1 TOTAL** | 660 | 370 | 6 | 17 | 8 | 281 | 155 |
| Appal. No. 2 | 33 | 17 | -- | 4 | -- | 13 | 2 |
| Ind., Ill., Ky. | 965 | 605 | 11 | 58 | 30 | 382 | 76 |
| Minn., Wis., Daks. | 154 | 75 | 2 | 4 | 3 | 81 | 12 |
| Okla., Kans., Mo. | 456● | 226 | 15 | 12 | 4 | 236 | 17 |
| **DISTRICT 2 TOTAL** | 1,608● | 923 | 28 | 78 | 37 | 712 | 107 |
| Inland Texas | 257 | 136 | 22 | 22 | 6 | 110 | 25 |
| Texas Gulf Coast | 1,288 | 847 | 32 | 127 | 44 | 741 | 171 |
| La. Gulf Coast | 1,084● | 494● | 16 | 207 | 56 | 391● | 122● |
| N. La. and Ark. | 58 | 24 | 6 | -1 | -- | 44 | 15 |
| New Mexico | 58 | 16 | 16 | 1 | 3 | 25 | [illegible] |
| **DISTRICT 3 TOTAL** | 2,745● | 1,517● | 92 | 356 | 109 | 1,311● | 337● |
| **DISTRICT 4 TOTAL** | 265 | 82 | 15 | 16 | 2 | 131 | 11 |
| **DISTRICT 5 TOTAL** | 991 | 587 | 36 | 219 | 4 | 340 | 322 |
| **TOTAL U.S.** | 6,269 | 3,479 | 177 | 686 | 160 | 2,775 | 932 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *DEC*. 3, 1982 | 6,285● | 3,627● | 178 | 854 | 103 | 2,853● | 975● |
| *DEC*. 11, 1981 | 6,589 | 3,369 | 189 | 747 | 151 | 2,824 | 1,269 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| *DEC*. 10, 1982 | 5,278 | 2,892 | 141 | 467 | 156 | 2,435 | 610 |
| *DEC*. 3, 1982 | 5,274● | 3,061● | 122 | 652 | 101 | 2,474● | 659● |
| *DEC*. 11, 1981 | 5,621 | 2,855 | 145 | 550 | 147 | 2,464 | 899 |

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[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *DECEMBER* 10, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| New England | 5,780 | 2,843 | 66 | 778 | 988 | 19,032 | 3,027 | -- |
| Central Atlantic | 32,237 | 14,337 | 314 | 5,711 | 2,706 | 52,582● | 25,388 | 13,134 |
| Lower Atlantic | 28,071 | 15,042 | 113 | 3,749 | 1,642 | 18,052 | 5,324 | 502 |
| East Coast | 61,592 | 29,898 | 442 | 9,929 | 4,984 | 86,289● | 33,342 | 12,695 |
| Appal. No. 1 | 4,496 | 2,324 | 51 | 309 | 352 | 3,377 | 397 | 941 |
| **DISTRICT 1 TOTAL** | 66,088 | 32,222 | 493 | 10,238 | 5,336 | 89,666● | 33,739 | 13,636 |
| Appal. No. 2 | 2,675 | 1,252 | 16 | 157 | 267 | 1,958 | 318 | 150 |
| Ind., Ill., Ky. | 36,348 | 15,856 | 599 | 4,126 | 2,266 | 24,140 | 3,439 | 13,278 |
| Minn., Wis., Daks. | 7,182 | 2,633 | 125 | 586 | 105 | 6,711 | 455 | 485 |
| Okla., Kans., Mo. | 18,888 | 6,422 | 603 | 2,388 | 299 | 14,078 | 904 | 5,690 |
| **DISTRICT 2 TOTAL** | 65,093 | 26,163 | 1,343 | 7,257 | 2,937 | 46,887 | 5,116 | 19,603 |
| Inland Texas | 8,702 | 3,999 | 543 | 1,071 | 75 | 3,212 | 399 | 2,504 |
| Texas Gulf Coast | 27,474 | 8,398 | 733 | 4,323 | 1,259 | 18,092 | 8,182 | 27,396 |
| La. Gulf Coast | 19,509 | 6,359 | 425 | 3,012 | 812 | 9,238 | 7,213 | 14,831 |
| N. La. and Ark. | 10,187 | 5,389 | 391 | 1,440 | 302 | 6,506 | 306 | 945 |
| New Mexico | 879 | 260 | 443 | 84 | 42 | 382 | 77 | 309 |
| **DISTRICT 3 TOTAL** | 66,751 | 24,405 | 2,535 | 9,930 | 2,490 | 37,430 | 16,177 | 45,985 |
| **DISTRICT 4 TOTAL** | 7,582 | 2,211 | 330 | 690 | 31 | 3,480 | 551 | 2,779 |
| **DISTRICT 5 TOTAL** | 27,392 | 9,636 | 1,349 | 5,873 | 118 | 11,285● | 8,605 | 25,848 |
| **TOTAL U.S.** | 232,906 | 94,637* | 6,050 | 33,988 | 10,912 | 188,748 | 64,188 | 107,851 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | |
| *DEC.* 3, 1982 | 228,925 | 93,300 | 6,415 | 34,803 | 10,894 | 188,072● | 64,669 | 108,720 |
| *DEC.* 11, 1981 | 250,313 | 96,375 | 6,756 | 34,275 | 11,200 | 194,644 | 82,059 | 115,171 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | | |
| *DEC.* 10, 1982 | 205,514 | 85,001 | 4,701 | 28,115 | 10,794 | 177,463 | 55,583 | 82,003 |
| *DEC.* 3, 1982 | 201,837 | 83,531 | 4,962 | 29,198 | 10,778 | 177,105● | 55,970 | 84,167 |
| *DEC.* 11, 1981 | 218,482 | 84,865 | 5,005 | 27,603 | 10,960 | 182,473 | 71,348 | 88,252 |

[1] Included in Total Motor Gasoline stocks.

[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE* 8

**INCLUDES* 23,056 *BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*

| DIST. 1: | DIST. 2: | DIST. 3: | DIST. 4: | DIST. 5: |
|---|---|---|---|---|
| 3,646 | 5,287 | 9,238 | 767 | 4,118 |

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | **API Monthly** | **Latest Dept. of Energy** *JUL* 1982 | **Total** | **From Canada** | **Crude Oil Stocks By Location[1]** |
| | Daily Average | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *DEC*. 10, 1982 | 5,851.5 | 5,840.0 | 3,046 | 146 | 271,064 |
| *DEC*. 3, 1982 | 5,852.5● | -- | 3,550 | 158 | 269,293● |
| *NOV*. 26, 1982 | 5,852.5● | -- | 3,273 | 170 | 266,685 |
| *NOV*. 19, 1982 | 5,852.5● | -- | 3,863 | 188 | 263,262 |
| **DISTRICT 5 TOTAL** | | | | | |
| *DEC*. 10, 1982 | 2,767.5 | 2,816.0 | 214 | 29 | 82,548 * |
| *DEC*. 3, 1982 | 2,785.1● | -- | 240 | 14 | 82,147 |
| *NOV*. 26, 1982 | 2,785.1● | -- | 139 | 14 | 76,934 |
| *NOV*. 19, 1982 | 2,785.1● | -- | 272 | -- | 84,236 |

**INCLUDES* 26,998 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *DEC*. 10, 1982 | 8,619.0 | 8,656.0 | 3,260 | 175 | 353,612 * |
| *DEC*. 3, 1982 | 8,637.6● | -- | 3,790 | 172 | 351,440● |
| *NOV*. 26, 1982 | 8,637.6● | -- | 3,412 | 184 | 343,619 |
| *NOV*. 19, 1982 | 8,637.6● | -- | 4,135 | 188 | 347,498 |
| *DEC*. 11, 1981 | 8,561.5/A | -- | 3,600 | 173 | 367,811 |

*/A DOE ACTUAL FOR DECEMBER* 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| | Week Ended *DEC*. 10, 1982 | | | Week Ended *DEC*. 11, 1981 | | |
|---|---|---|---|---|---|---|
| **Location** | **Domestic** | **Foreign** | **Total** | **Domestic** | **Foreign** | **Total** |
| PAD District 1 | 3,816 | 14,722 | 18,538 | 4,834 | 13,246 | 18,080 |
| PAD District 2 | 61,289 | 12,934 | 74,223 | 69,144 | 14,162 | 83,306 |
| PAD District 3 | 122,634● | 43,165 | 165,799● | 126,268 | 40,467 | 166,735 |
| PAD District 4 | 11,006 | 1,498 | 12,504 | 15,389 | 723 | 16,112 |
| **TOTAL PAD DISTRICTS 1—4** | 198,745● | 72,319 | 271,064● | 215,635 | 68,598 | 284,233 |
| **PAD District 5** | 77,472 | 5,076 | 82,548 * | 75,903 | 7,675 | 83,578 |
| **TOTAL U.S.** | 276,217● | 77,395 | 353,612●* | 291,538 | 76,273 | 367,811 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | | | | | | | | | |
| New England | -- | -- | -- | -- | -- | 79 | -- | 137 | -- | -- | -- | -- | -- | -- | 216 |
| Central Atlantic | 140 | 49 | 7 | 8 | 12 | 173 | -- | 366 | 11 | 19 | -- | -- | 2 | 21 | 759 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 117 | -- | -- | 8 | -- | -- | 3 | 128 |
| **DISTRICT 1 TOTAL[2]** | | | | | | | | | | | | | | | |
| DEC. 10, 1982 | 140 | 49 | 7 | 8 | 12 | 252 | -- | 620 | 11 | 19 | 8 | -- | 2 | 24 | 1,103 |
| DEC. 3, 1982 | 135 | 81 | 6 | 9 | 9 | 87 | -- | 664 | 7 | 17 | 11 | -- | 2 | 19 | 966 |
| NOV. 26, 1982 | 100 | 49 | 10 | 11 | 7 | 91 | -- | 600 | 8 | -- | 6 | -- | 1 | 104 | 938 |
| NOV. 19, 1982 | 100 | 49 | 10 | 47 | 7 | 98 | -- | 791 | 9 | 16 | 5 | -- | 3 | 48 | 1,134 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 10, 1982 | 11 | 1 | -- | -- | -- | -- | -- | 79 | 194 | 53 | 26 | 10 | -- | 2 | 375 |
| DEC. 3, 1982 | 10 | 1 | -- | -- | -- | 2 | -- | 115 | 213 | 48 | 14 | 179 | -- | 20 | 601 |
| NOV. 26, 1982 | 11 | 3 | -- | -- | -- | 1 | -- | 100 | 288 | 73 | 39 | 177 | 8 | 184 | 881 |
| NOV. 19, 1982 | 11 | 4 | -- | -- | -- | 2 | -- | 83 | 270 | 56 | 5 | 11 | -- | 137 | 575 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 10, 1982 | 39 | 13 | 1 | 2 | -- | 8 | -- | 17 | 16 | 5 | 5 | 1 | -- | 7 | 101 |
| DEC. 3, 1982 | 41 | 12 | 3 | 2 | -- | 6 | -- | 12 | 16 | 5 | 6 | 1 | -- | 4 | 96 |
| NOV. 26, 1982 | 39 | 13 | 2 | 1 | -- | 6 | -- | 10 | 18 | 5 | 6 | -- | -- | 3 | 90 |
| NOV. 19, 1982 | 40 | 13 | 2 | 1 | -- | 5 | -- | 19 | 15 | -- | 5 | -- | -- | 7 | 94 |
| **TOTAL U.S.** | 190 | 63 | 8 | 10 | 12 | 260 | -- | 716 | 221 | 77 | 39 | 11 | 2 | 33 | 1,579 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | | | | | | | |
| DEC. 3, 1982 | 186 | 94 | 9 | 11 | 9 | 95 | -- | 791 | 236 | 70 | 31 | 180 | 2 | 43 | 1,653 |
| NOV. 26, 1982 | 150 | 65 | 12 | 12 | 7 | 98 | -- | 710 | 314 | 78 | 51 | 177 | 9 | 291 | 1,909 |
| NOV. 19, 1982 | 151 | 66 | 12 | 48 | 7 | 105 | -- | 893 | 294 | 72 | 15 | 11 | 3 | 192 | 1,803 |
| DEC. 11, 1981 | 165 | 95 | -- | -- | 6 | 107 | -- | 935 | 301 | 40 | 14 | 17 | 1 | 57 | 1,643 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | November 1982 | October 1982 | July 1982 |
| Florida | 68.0 | 72.0 | 70.0 |
| New York-Pennsylvania | 10.5 | 9.5 | 12.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 8.0 | 10.0 |
| Illinois | 83.5 | 80.0 | 79.0 |
| Indiana | 13.0 | 17.0 | 13.0 |
| Kansas | 200.0 | 200.0 | 200.0 |
| Kentucky | 18.4 | 18.4 | 18.0 |
| Michigan | 88.0 | 90.0 | 87.0 |
| Missouri-Tennessee | 3.5 | 3.5 | 4.0 |
| Nebraska | 19.0 | 19.0 | 19.0 |
| Ohio | 37.0 | 37.0 | 37.0 |
| Oklahoma | 429.0 | 432.5 | 421.0 |
| North Dakota | 132.5 | 129.0 | 132.0 |
| South Dakota | 3.2 | 3.2 | 3.0 |
| Alabama | 53.0 | 54.0 | 60.0 |
| Arkansas | 52.0 | 51.0 | 52.0 |
| Mississippi | 91.0 | 92.5 | 91.0 |
| New Mexico-So. East | 176.5 | 176.5 | 176.0 |
| New Mexico-Other | 18.5 | 17.0 | 22.0 |
| North Louisiana | 98.0 | 97.5 | 97.0 |
| South Louisiana | 1,172.5 | 1,166.0 | 1,166.0 |
| Total Louisiana | 1,270.5 | 1,263.5 | 1,263.0 |
| Texas | | | |
| District 1 | 71.0 | 68.0 | 72.0 |
| District 2 | 108.0 | 102.0 | 109.0 |
| District 3 | 365.0 | 361.0 | 365.0 |
| District 4 | 77.0 | 78.0 | 77.0 |
| District 5 | 21.0 | 21.0 | 21.0 |
| District 6, East Texas Field | 143.0 | 143.0 | 142.0 |
| Other | 114.0 | 115.0 | 113.0 |
| District 7-B | 89.0 | 87.0 | 89.0 |
| District 7-C | 89.0 | 90.0 | 89.0 |
| District 8 and 8-A | 1,278.0 | 1,286.0 | 1,277.0 |
| District 9 | 102.0 | 97.0 | 102.0 |
| District 10 | 57.0 | 57.0 | 55.0 |
| Total Texas | 2,514.0 | 2,505.0 | 2,511.0 |
| Colorado | 83.0 | 84.0 | 83.0 |
| Montana | 86.4 | 86.4 | 85.0 |
| Utah | 65.0 | 66.0 | 63.0 |
| Wyoming | 329.0 | 333.0 | 329.0 |
| Total Dists. 1-4 | 5,852.5 | 5,848.0 | 5,840.0 |
| Alaska | 1,668.1 | 1,698.0 | 1,710.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,114.0 | 1,108.5 | 1,103.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,785.1 | 2,809.5 | 2,816.0 |
| Total U.S. | 8,637.6 | 8,657.5 | 8,656.0 |

## REVISIONS

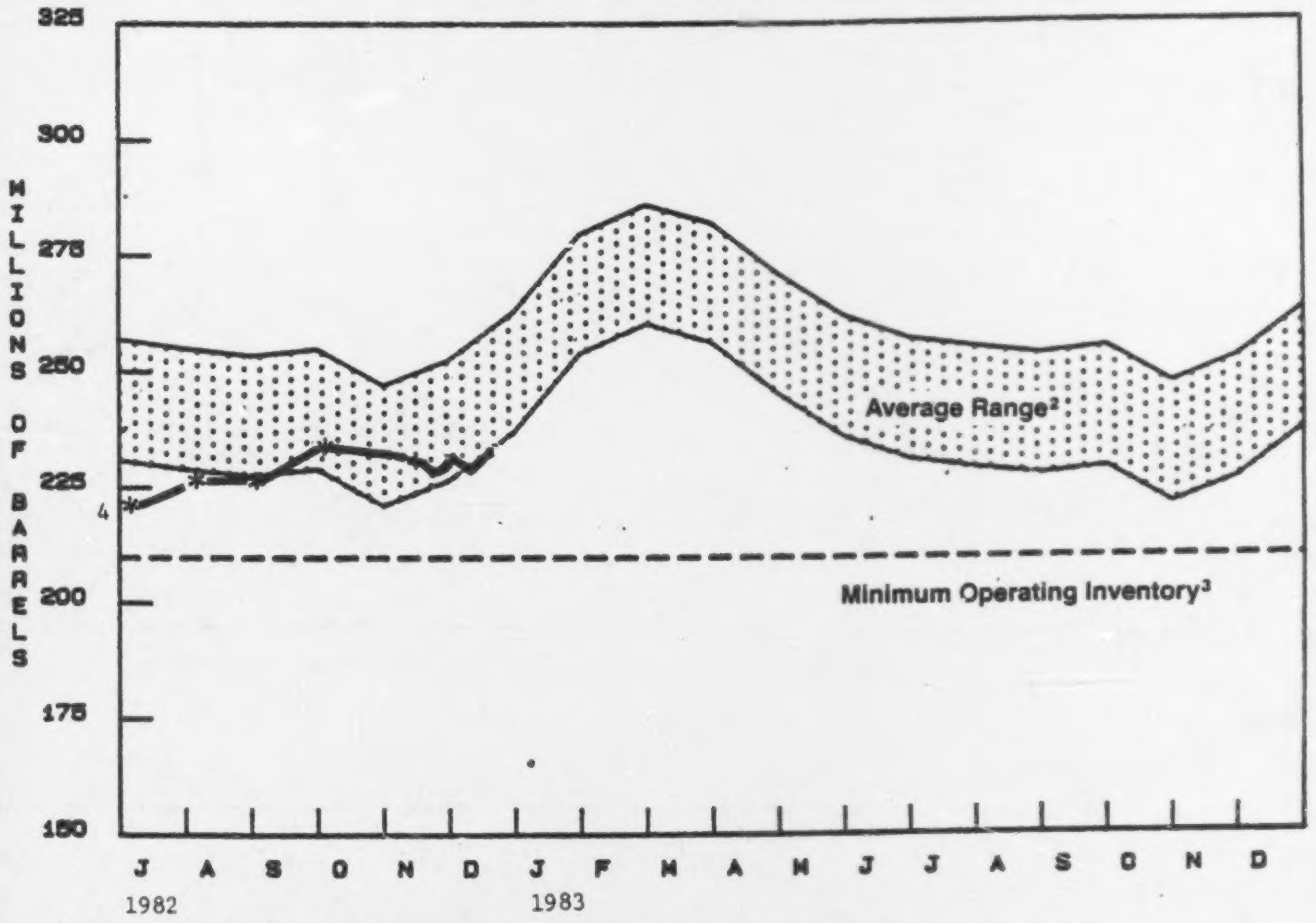
| | | | | |
|---|---|---|---|---|
| 12/03/82 | PAGE 1 | TOTAL REFINERY INPUT | LA. GULF COAST | 2,048 |
| | | | DISTRICT 3 TOTAL | 5,901 |
| | | | DISTRICT 4 TOTAL | 494 |
| | | | TOTAL U.S. | 12,660 |
| | | | DISTRICTS 1-4 | 10,512 |
| | | CRUDE OIL RUNS | LA. GULF COAST | 1,884 |
| | | | DISTRICT 3 TOTAL | 5,349 |
| | | | DISTRICT 4 TOTAL | 469 |
| | | | TOTAL U.S. | 11,605 |
| | | | DISTRICTS 1-4 | 9,601 |
| | | FOREIGN CRUDE RUNS | LA. GULF COAST | 663 |
| | | | DISTRICT 3 TOTAL | 1,451 |
| | | | TOTAL U.S. | 3,333 |
| | | | DISTRICTS 1-4 | 3,142 |
| | | INPUT TO CRUDE OIL | LA. GULF COAST | 2,014 |
| | | | DISTRICT 3 TOTAL | 5,622 |
| | | | DISTRICT 4 TOTAL | 476 |
| | | | TOTAL U.S. | 12,018 |
| | | | DISTRICTS 1-4 | 9,954 |
| | | o/o OPERATED | LA. GULF COAST | 73.8 |
| | | | DISTRICT 3 TOTAL | 72.6 |
| | | | DISTRICT 4 TOTAL | 86.1 |
| | | | TOTAL U.S. | 72.1 |
| | | | DISTRICTS 1-4 | 73.3 |
| | PAGE 2 | TOTAL MGAS | OKLA., KANS., MO. | 419 |
| | | | DISTRICT 2 TOTAL | 1,553 |
| | | | LA. GULF COAST | 1,063 |
| | | | DISTRICT 3 TOTAL | 2,847 |
| | | | TOTAL U.S. | 6,285 |
| | | | DISTRICTS 1-4 | 5,274 |
| | | UNLEADED MGAS | LA. GULF COAST | 669 |
| | | | DISTRICT 3 TOTAL | 1,656 |
| | | | TOTAL U.S. | 3,627 |
| | | | DISTRICTS 1-4 | 3,061 |
| | | DISTILLATE FUEL | LA. GULF COAST | 402 |
| | | | DISTRICT 3 TOTAL | 1,359 |
| | | | TOTAL U.S. | 2,853 |
| | | | DISTRICTS 1-4 | 2,474 |
| | | RESIDUAL FUEL | LA. GULF COAST | 192 |

## REVISIONS

| | | | |
|---|---|---|---|
| | | DISTRICT 3 TOTAL | 426 |
| | | TOTAL U.S. | 975 |
| | | DISTRICTS 1-4 | 659 |
| PAGE 3 | DISTILLATE FUEL | CENTRAL ATLANTIC | 52,498 |
| | | EAST COAST | 86,759 |
| | | DISTRICT 1 TOTAL | 90,292 |
| | | DISTRICT 5 TOTAL | 10,967 |
| | | TOTAL U.S. | 188,072 |
| | | DISTRICTS 1-4 | 177,105 |
| PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 269,293 |
| | | TOTAL U.S. | 351,440 |
| PAGE 4 BOTTOM | DOMESTIC | PAD DISTRICT 3 | 121,405 |
| | | TOTAL PAD DISTRICTS 1-4 | 198,490 |
| | | TOTAL U.S. | 274,800 |
| | TOTAL | PAD DISTRICT 3 | 163,762 |
| | | TOTAL PAD DISTRICTS 1-4 | 269,293 |
| | | TOTAL U.S. | 351,440 |

Week Ended DECEMBER 10, 1982

## Motor Gasoline Stocks at Primary Level[1][5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

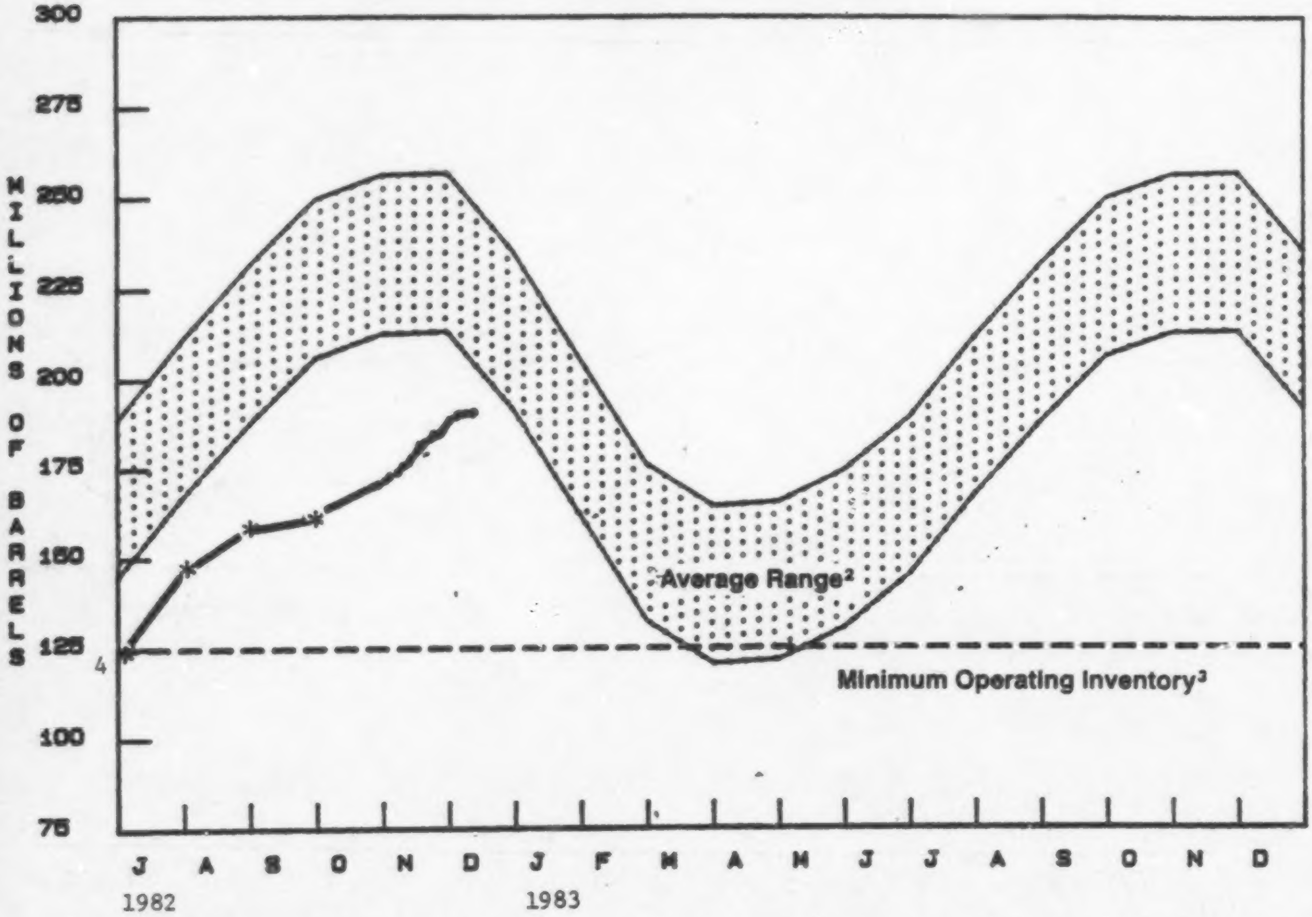
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

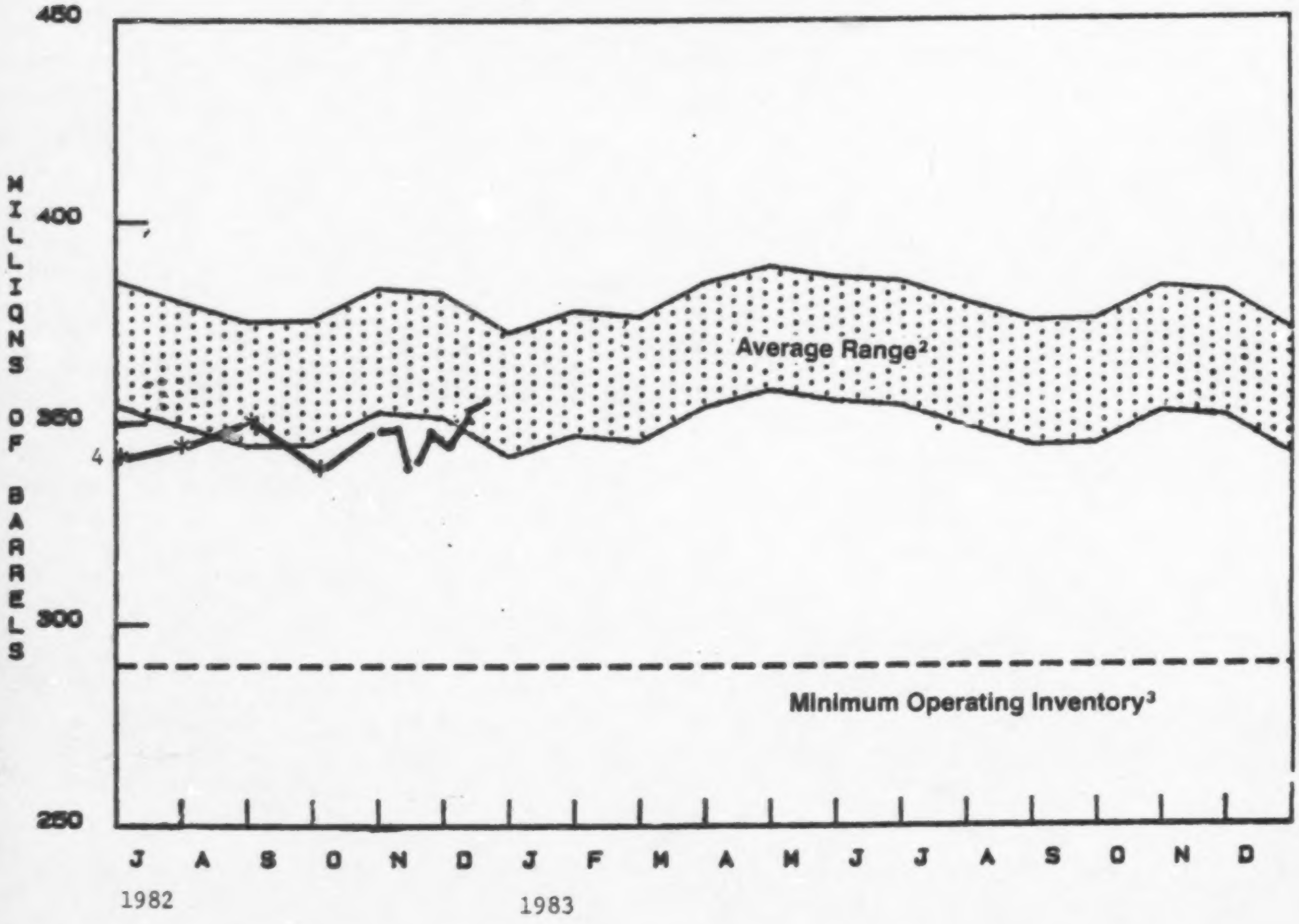
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended DECEMBER 10, 1982

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 12/27/82

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** DECEMBER 17, 1982 **NO.** 50

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 12/17/82 | Last Week Ending: 12/10/82 | Last Year Week Ending: 12/18/81 | | Change From Last Week | | Change From Last Year |
|---|---|---|---|---|---|---|---|
| **Refinery Operations** | | | | | | | |
| Input to crude oil distillation units | 11,633 | 11,780 | 12,782 | - | 147 | - | 1,149 |
| Operable capacity | 16,663 | 16,663 | 18,230 | | 0 | - | 1,567 |
| Percent operated | 69.8 | 70.7 | 70.1 | | | | |
| **Motor Gasoline** | | | | | | | |
| Motor gasoline production | 6,370 | 6,269 | 6,725 | + | 101 | - | 355 |
| Refinery shipments of unleaded motor gasoline | 3,504 | 3,479 | 3,542 | + | 25 | - | 38 |
| Total Motor gasoline stocks | 233,162 | 232,906 | 251,854 | + | 256 | - | 18,692 |
| Finished unleaded motor gasoline stock | 94,941 | 94,637 | 95,586 | + | 304 | - | 645 |
| **Distillate Fuel Oil** | | | | | | | |
| Distillate fuel oil production | 2,551 | 2,775 | 2,845 | - | 224 | - | 294 |
| Distillate fuel oil stocks | 181,319 | 188,748 | 191,087 | - | 7,429 | - | 9,768 |
| **Residual Fuel Oil** | | | | | | | |
| Residual fuel oil production | 992 | 932 | 1,322 | + | 60 | - | 330 |
| Residual fuel oil stocks | 64,475 | 64,188 | 82,094 | + | 287 | - | 17,619 |
| **Imports** | | | | | | | |
| Crude oil imports | 3,202 | 3,260 | 4,441 | - | 58 | - | 1,239 |
| Product imports | 1,244 | 1,579 | 1,850 | - | 335 | - | 606 |
| **Crude Oil Stocks** | | | | | | | |
| Crude oil stocks | 357,801 | 353,612 | 370,587 | + | 4,189 | - | 12,786 |

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*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.*

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL. 63 For Week Ended** *DECEMBER* 17, 1982 **NO.** 50

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|---|
| East Coast | 1,116 | 1,029 | 942 | 1,052 | 1,569 | 67.0 |
| Appal. No. 1 | 86 | 82 | -- | 82 | 98 | 83.7 |
| **DISTRICT 1 TOTAL** | 1,202 | 1,111 | 942 | 1,134 | 1,667 | 68.0 |
| Appal. No. 2 | 59 | 56 | 4 | 59 | 66 | 89.4 |
| Ind., Ill., Ky. | 1,730 | 1,540 | 311 | 1,604 | 2,399 | 66.9 |
| Minn., Wis., Daks. | 291 | 272 | 120 | 279 | 293 | 95.2 |
| Okla., Kans., Mo. | 805 | 709 | 7 | 718 | 858 | 83.7 |
| **DISTRICT 2 TOTAL** | 2,885 | 2,577 | 442 | 2,660 | 3,616 | 73.6 |
| Inland Texas | 507 | 467 | 21 | 478 | 592 | 80.7 |
| Texas Gulf Coast | 2,766 | 2,566 | 714 | 2,642 | 3,993 | 66.2 |
| La. Gulf Coast | 2,074 | 1,820 | 548 | 1,945 | 2,728 | 71.3 |
| N. La. and Ark. | 170 | 151 | 11 | 160 | 314 | 51.0 |
| New Mexico | 120 | 82 | -- | 86 | 117 | 73.5 |
| **DISTRICT 3 TOTAL** | 5,637 | 5,086 | 1,294 | 5,311 | 7,744 | 68.6 |
| **DISTRICT 4 TOTAL** | 473 | 452 | 46 | 461 | 553 | 83.4 |
| **DISTRICT 5 TOTAL** | 2,151 | 1,966 | 242 | 2,067 | 3,083 | 67.0 |
| **TOTAL U.S.** | 12,348 | 11,192 | 2,966 | 11,633 | 16,663 | 69.8 |
| **TOTAL U.S. Weeks Ended:** | | | | | | |
| DEC. 10, 1982 | 12,363 | 11,274 | 3,256 | 11,780 | 16,663 | 70.7 |
| DEC. 18, 1981 | 13,806 | 12,554 | 3,968 | 12,782 | 18,230 | 70.1 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | |
| DEC. 17, 1982 | 10,197 | 9,226 | 2,724 | 9,566 | 13,580 | 70.4 |
| DEC. 10, 1982 | 10,263 | 9,342 | 3,004 | 9,686 | 13,580 | 71.3 |
| DEC. 18, 1981 | 11,574 | 10,471 | 3,739 | 10,663 | 15,068 | 70.8 |

[1] Included in the Crude Oil Runs to Distillation Units.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** DECEMBER 17, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | |
| East Coast | 625 | 374 | 13 | 21 | 5 | 255 | 151 |
| Appal. No. 1 | 28 | 14 | 1 | -- | -- | 22 | 6 |
| **DISTRICT 1 TOTAL** | 653 | 388 | 14 | 21 | 5 | 277 | 157 |
| Appal. No. 2 | 32 | 17 | -- | 4 | -- | 10 | 5 |
| Ind., Ill., Ky. | 1,020 | 670 | 12 | 104 | 17 | 311 | 60 |
| Minn., Wis., Daks. | 155 | 84 | 2 | 4 | 2 | 76 | 23 |
| Okla., Kans., Mo. | 456 | 210 | 5 | 18 | 1 | 203 | 19 |
| **DISTRICT 2 TOTAL** | 1,663 | 981 | 19 | 130 | 20 | 600 | 107 |
| Inland Texas | 271 | 165 | 26 | 21 | 7 | 112 | 25 |
| Texas Gulf Coast | 1,338 | 804 | 28 | 121 | 26 | 633 | 217 |
| La. Gulf Coast | 1,058 | 513 | 18 | 216 | 45 | 406 | 132 |
| N. La. and Ark. | 61 | 22 | 3 | -- | -- | 44 | 13 |
| New Mexico | 55 | 17 | 15 | 1 | 2 | 30 | 4 |
| **DISTRICT 3 TOTAL** | 2,783 | 1,521 | 90 | 359 | 80 | 1,225 | 391 |
| **DISTRICT 4 TOTAL** | 262 | 91 | 12 | 23 | 5 | 112 | 13 |
| **DISTRICT 5 TOTAL** | 1,009 | 523 | 54 | 187 | 4 | 337 | 324 |
| **TOTAL U.S.** | 6,370 | 3,504 | 189 | 720 | 114 | 2,551 | 992 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| DEC. 10, 1982 | 6,269 | 3,479 | 177 | 686 | 160 | 2,775 | 932 |
| DEC. 18, 1981 | 6,725 | 3,542 | 184 | 824 | 165 | 2,845 | 1,322 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| DEC. 17, 1982 | 5,361 | 2,981 | 135 | 533 | 110 | 2,214 | 668 |
| DEC. 10, 1982 | 5,278 | 2,892 | 141 | 467 | 156 | 2,435 | 610 |
| DEC. 18, 1981 | 5,749 | 2,972 | 154 | 587 | 160 | 2,503 | 966 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** DECEMBER 17, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| New England | 6,307 | 3,734 | 75 | 824 | 907 | 16,947 | 3,191 | -- |
| Central Atlantic | 31,932 | 13,258 | 300 | 5,104 | 2,712 | 50,931 | 25,414 | 12,817 |
| Lower Atlantic | 28,576 | 14,844 | 104 | 4,122 | 1,801 | 16,950 | 5,238 | 500 |
| East Coast | 62,284 | 29,405 | 436 | 9,764 | 5,084 | 81,394 | 33,406 | 12,355 |
| Appal. No. 1 | 4,531 | 2,431 | 43 | 286 | 336 | 3,434 | 437 | 962 |
| **DISTRICT 1 TOTAL** | 66,815 | 31,836 | 479 | 10,050 | 5,420 | 84,828 | 33,843 | 13,317 |
| Appal. No. 2 | 2,671 | 1,362 | 20 | 173 | 272 | 1,790 | 295 | 153 |
| Ind., Ill., Ky. | 36,828 | 16,108 | 683 | 3,942 | 2,196 | 23,392 | 3,338 | 12,708 |
| Minn., Wis., Daks. | 7,354 | 2,695 | 195 | 530 | 104 | 6,385 | 557 | 462 |
| Okla., Kans., Mo. | 19,533 | 6,688 | 516 | 2,188 | 398 | 14,231 | 814 | 5,624 |
| **DISTRICT 2 TOTAL** | 66,386 | 26,853 | 1,414 | 6,833 | 2,970 | 45,798 | 5,004 | 18,947 |
| Inland Texas | 7,597 | 2,873 | 511 | 1,768 | 58 | 3,444 | 394 | 2,511 |
| Texas Gulf Coast | 26,572 | 9,492 | 776 | 3,869 | 1,196 | 16,594 | 8,128 | 28,077 |
| La. Gulf Coast | 18,683 | 5,952 | 493 | 3,567 | 952 | 8,590 | 7,378 | 14,252 |
| N. La. and Ark. | 10,665 | 5,583 | 297 | 1,366 | 349 | 6,917 | 415 | 916 |
| New Mexico | 886 | 319 | 439 | 69 | 33 | 491 | 67 | 306 |
| **DISTRICT 3 TOTAL** | 64,403 | 24,219 | 2,516 | 10,639 | 2,588 | 36,036 | 16,382 | 46,062 |
| **DISTRICT 4 TOTAL** | 7,813 | 2,184 | 319 | 614 | 35 | 3,571 | 532 | 2,847 |
| **DISTRICT 5 TOTAL** | 27,745 | 9,849 | 1,465 | 6,011● | 276 | 11,086 | 8,714 | 25,251 |
| **TOTAL U.S.** | 233,162 | 94,941* | 6,193 | 34,147 | 11,289 | 181,319 | 64,475 | 106,424 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | |
| DEC. 10, 1982 | 232,906 | 94,637 | 6,050 | 34,141● | 10,912 | 188,748 | 64,188 | 107,851 |
| DEC. 18, 1981 | 251,854 | 95,586 | 6,703 | 33,827 | 10,880 | 191,087 | 82,094 | 114,869 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | | |
| DEC. 17, 1982 | 205,417 | 85,092 | 4,728 | 28,136 | 11,013 | 170,233 | 55,761 | 81,173 |
| DEC. 10, 1982 | 205,514 | 85,001 | 4,701 | 28,115 | 10,794 | 177,463 | 55,583 | 82,003 |
| DEC. 18, 1981 | 219,925 | 84,191 | 5,055 | 27,064 | 10,669 | 178,957 | 71,706 | 88,693 |

[1] Included in Total Motor Gasoline stocks.

[2] Includes Grade No. 4 fuel oil

● SEE REVISIONS ON PAGE 7

*INCLUDES 22,073 BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:
DIST. 1: 2,849 DIST. 2: 5,083 DIST. 3: 8,864 DIST. 4: 844 DIST. 5: 4,433

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | **API Monthly** | **Latest Dept. of Energy** *JUL 1982* | **Total** | **From Canada** | **Crude Oil Stocks By Location**[1] |
| | Daily Average | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| DEC. 17, 1982 | 5,851.5 | 5,840.0 | 2,968 | 181 | 273,750 |
| DEC. 10, 1982 | 5,851.5 | -- | 3,046 | 146 | 271,064 |
| DEC. 3, 1982 | 5,852.5 | -- | 3,550 | 158 | 269,293 |
| NOV. 26, 1982 | 5,852.5 | -- | 3,273 | 170 | 266,685 |
| **DISTRICT 5 TOTAL** | | | | | |
| DEC. 17, 1982 | 2,767.5 | 2,816.0 | 234 | 15 | 84,051 * |
| DEC. 10, 1982 | 2,767.5 | -- | 214 | 29 | 82,548 |
| DEC. 3, 1982 | 2,785.1 | -- | 240 | 14 | 82,147 |
| NOV. 26, 1982 | 2,785.1 | -- | 139 | 14 | 76,934 |

*INCLUDES 25,915 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| DEC. 17, 1982 | 8,619.0 | 8,656.0 | 3,202 | 196 | 357,801 * |
| DEC. 10, 1982 | 8,619.0 | -- | 3,260 | 175 | 353,612 |
| DEC. 3, 1982 | 8,637.6 | -- | 3,790 | 172 | 351,440 |
| NOV. 26, 1982 | 8,637.6 | -- | 3,412 | 184 | 343,619 |
| DEC. 18, 1981 | 8,309.0/A | -- | 4,441 | 174 | 370,587 |

/A DOE ACTUAL FOR DECEMBER 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| | Week Ended DECEMBER 17, 1982 | | | Week Ended DECEMBER 19, 1981 | | |
|---|---|---|---|---|---|---|
| **Location** | **Domestic** | **Foreign** | **Total** | **Domestic** | **Foreign** | **Total** |
| PAD District 1 | 4,304 | 14,199 | 18,503 | 5,007 | 14,279 | 19,286 |
| PAD District 2 | 62,467 | 14,321 | 76,788 | 68,182 | 15,409 | 83,591 |
| PAD District 3 | 123,492 | 42,388 | 165,880 | 126,135 | 41,983 | 168,118 |
| PAD District 4 | 11,138 | 1,441 | 12,579 | 14,408 | 744 | 15,152 |
| **TOTAL PAD DISTRICTS 1—4** | 201,401 | 72,349 | 273,750 | 213,732 | 72,415 | 286,147 |
| **PAD District 5** | 78,913 | 5,138 | 84,051 * | 76,302 | 8,138 | 84,440 |
| **TOTAL U.S.** | 280,314 | 77,487 | 357,801 * | 290,034 | 80,553 | 370,587 |

[1] See definitional notes, Page 6.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | | | | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Central Atlantic | 169 | 49 | 7 | 11 | 12 | 105 | -- | 250 | 5 | 15 | 5 | -- | 2 | 13 | 594 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 197 | -- | -- | -- | -- | -- | 2 | 199 |
| **DISTRICT 1 TOTAL[2]** | | | | | | | | | | | | | | | |
| DEC. 17, 1982 | 169 | 49 | 7 | 11 | 12 | 105 | -- | 447 | 5 | 15 | 5 | -- | 2 | 15 | 793 |
| DEC. 10, 1982 | 140 | 49 | 7 | 8 | 12 | 252 | -- | 620 | 11 | 19 | 8 | -- | 2 | 24 | 1,103 |
| DEC. 3, 1982 | 135 | 81 | 6 | 9 | 9 | 87 | -- | 664 | 7 | 17 | 11 | -- | 2 | 19 | 966 |
| NOV. 26, 1982 | 100 | 49 | 10 | 11 | 7 | 91 | -- | 600 | 8 | -- | 6 | -- | 1 | 104 | 938 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 17, 1982 | 12 | 2 | -- | -- | -- | -- | -- | 58 | 200 | 50 | 13 | 9 | -- | 18 | 360 |
| DEC. 10, 1982 | 11 | 1 | -- | -- | -- | -- | -- | 79 | 194 | 53 | 26 | 10 | -- | 2 | 375 |
| DEC. 3, 1982 | 10 | 1 | -- | -- | -- | 2 | -- | 81● | 213 | 48 | 14 | 12● | -- | 20 | 400● |
| NOV. 26, 1982 | 11 | 3 | -- | -- | -- | 1 | -- | 100 | 288 | 73 | 39 | 177 | 8 | 184 | 881 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 17, 1982 | 38 | 12 | 1 | 1 | -- | 6 | -- | 15 | 13 | 4 | 5 | 1 | -- | 7 | 91 |
| DEC. 10, 1982 | 39 | 13 | 1 | 2 | -- | 8 | -- | 17 | 16 | 5 | 5 | 1 | -- | 7 | 101 |
| DEC. 3, 1982 | 41 | 12 | 3 | 2 | -- | 6 | -- | 12 | 16 | 5 | 6 | 1 | -- | 4 | 96 |
| NOV. 26, 1982 | 39 | 13 | 2 | 1 | -- | 6 | -- | 10 | 18 | 5 | 6 | -- | -- | 3 | 90 |
| **TOTAL U.S.** | 219 | 63 | 8 | 12 | 12 | 111 | -- | 520 | 218 | 69 | 23 | 10 | 2 | 40 | 1,244 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | | | | | |
| DEC. 10, 1982 | 190 | 63 | 8 | 10 | 12 | 260 | -- | 716 | 221 | 77 | 39 | 11 | 2 | 33 | 1,579 |
| DEC. 3, 1982 | 186 | 94 | 9 | 11 | 9 | 95 | -- | 757● | 236 | 70 | 31 | 13● | 2 | 43 | 1,462● |
| NOV. 26, 1982 | 150 | 65 | 12 | 12 | 7 | 98 | -- | 710 | 314 | 78 | 51 | 177 | 9 | 291 | 1,909 |
| DEC. 18, 1981 | 171 | 83 | 15 | -- | 7 | 94 | -- | 1,116 | 346 | -- | 2 | 16 | 1 | 82 | 1,850 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

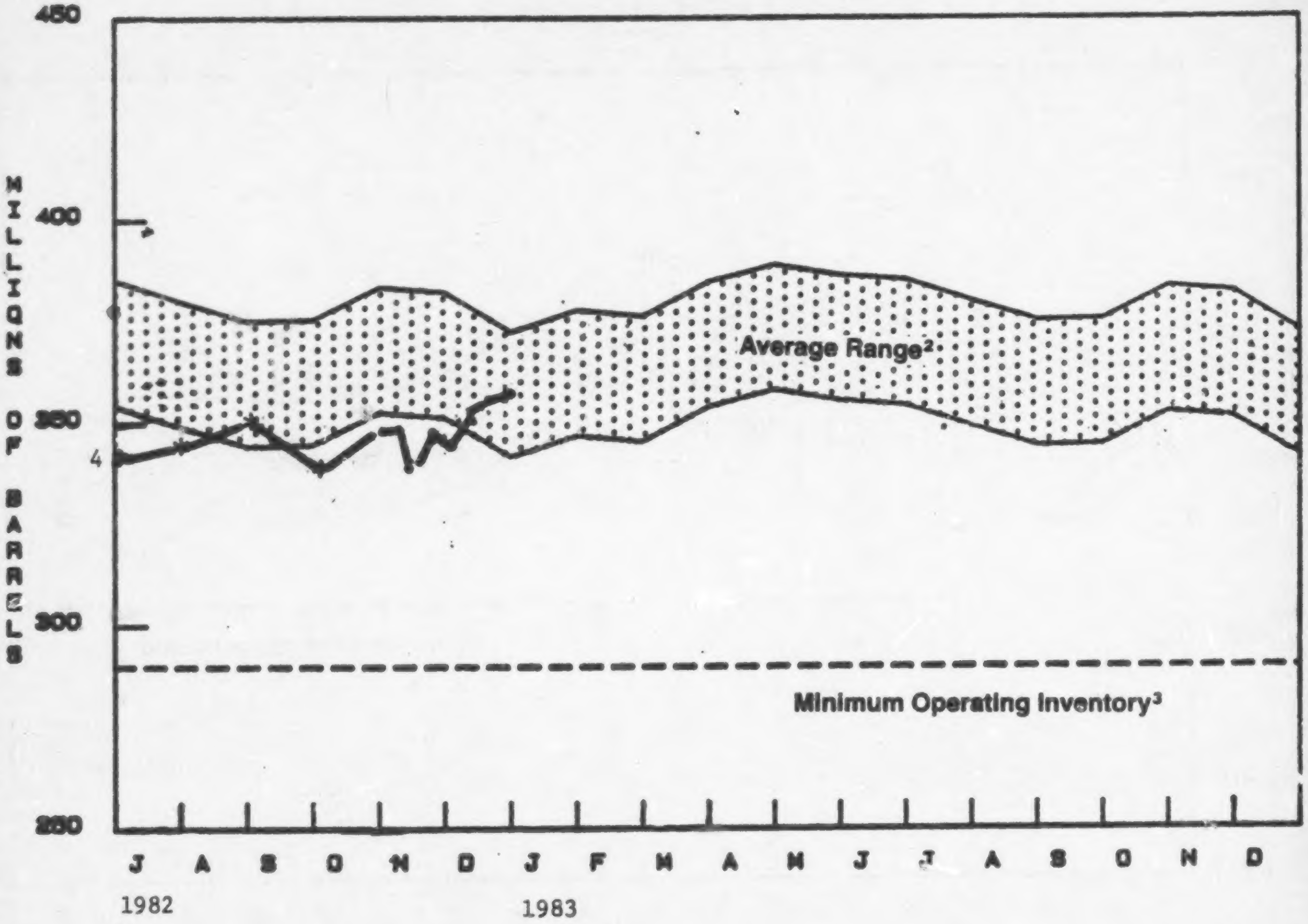
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 12/03/82 | PAGE 5 | RESIDUAL FUEL | DISTRICTS 2-4 TOTAL | 81 |
| | | | TOTAL U.S. | 757 |
| | | PLANT CONDENSATE | DISTRICTS 2-4 TOTAL | 12 |
| | | | TOTAL U.S. | 13 |
| | | TOTAL | DISTRICTS 2-4 TOTAL | 400 |
| | | | TOTAL U.S. | 1,462 |
| 12/10/82 | PAGE 3 | KEROSINE JET | DISTRICT 5 TOTAL | 6,026 |
| | | | TOTAL U.S. | 34,141 |

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

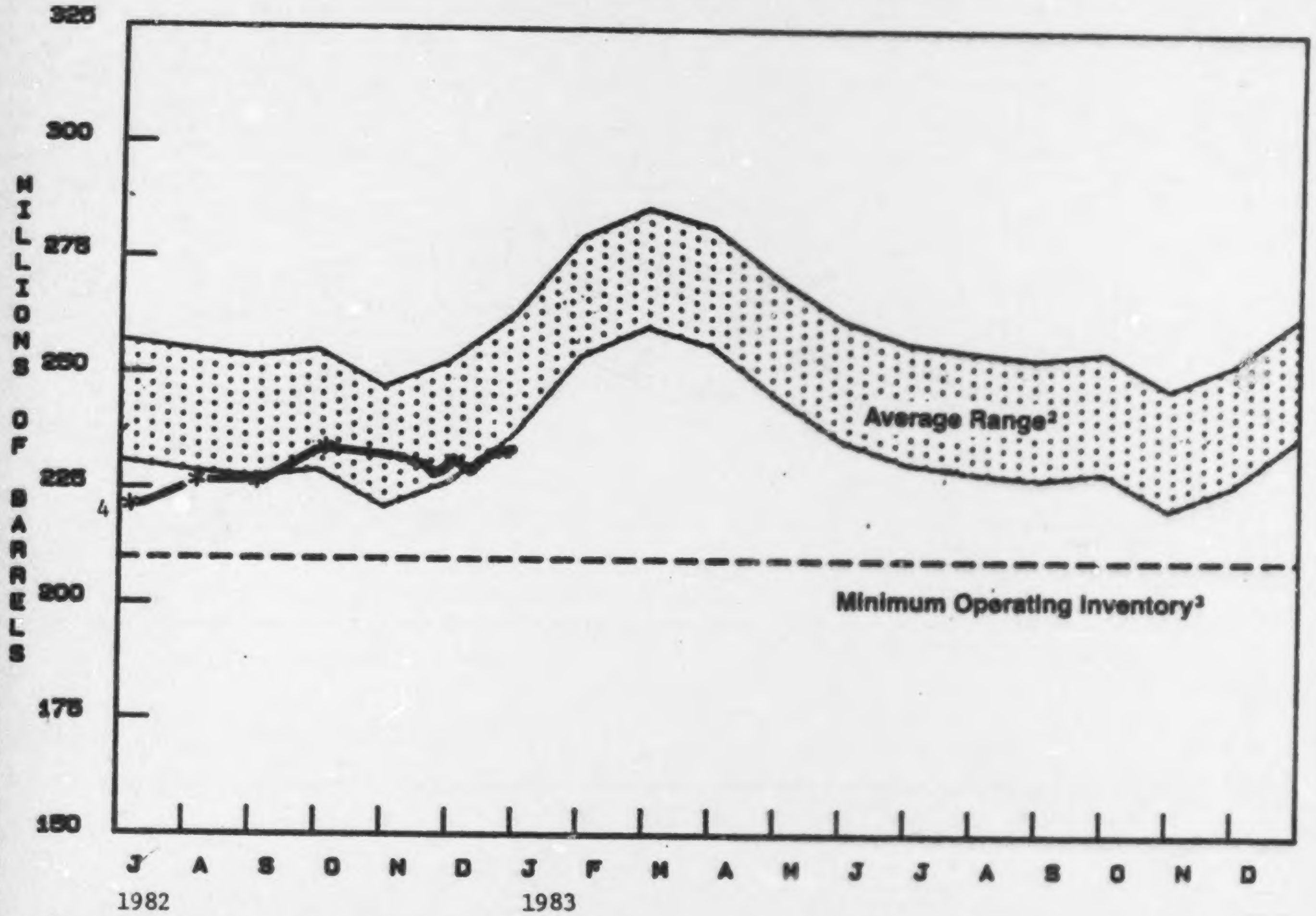
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical_Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended DECEMBER 17, 1982

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

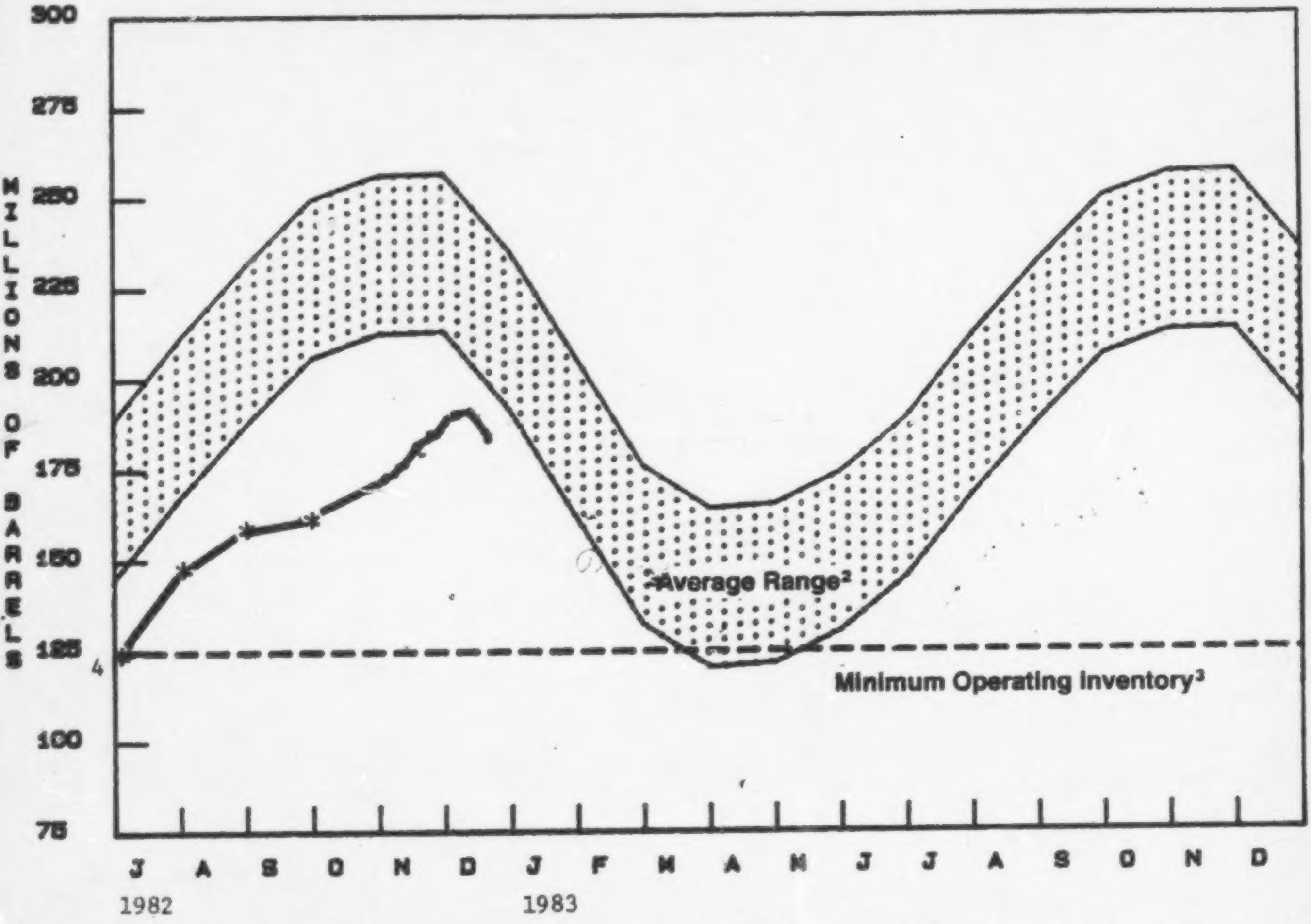
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 1/5/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *DECEMBER 24, 1982* **NO.** 51

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 12/24/82 | Last Week Ending: 12/17/82 | Last Year Week Ending: 12/25/81 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 11,726 | 11,633 | 12,489 | + 93 | - 763 |
| Operable capacity | 16,663 | 16,663 | 18,230 | 0 | - 1,567 |
| Percent operated | 70.4 | 69.8 | 68.5 | | |
| **Motor Gasoline** | | | | | |
| Motor gasoline production | 6,358 | 6,370 | 6,605 | - 12 | - 247 |
| Refinery shipments of unleaded motor gasoline | 3,534 | 3,504 | 3,598 | + 30 | - 64 |
| Total Motor gasoline stocks | 235,086 | 233,162 | 252,791 | + 1,924 | - 17,705 |
| Finished unleaded motor gasoline stock | 96,098 | 94,941 | 95,401 | + 1,157 | + 697 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,573 | 2,551 | 2,886 | + 22 | - 313 |
| Distillate fuel oil stocks | 181,367 | 181,319 | 190,062 | + 48 | - 8,695 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 1,047 | 992 | 1,246 | + 55 | - 199 |
| Residual fuel oil stocks | 64,966 | 64,475 | 81,397 | + 491 | - 16,431 |
| **Imports** | | | | | |
| Crude oil imports | 2,556 | 3,202 | 3,103 | - 646 | - 547 |
| Product imports | 1,179 | 1,244 | 1,671 | - 65 | - 492 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 351,891 | 357,801 | 366,184 | - 5,910 | - 14,293 |

*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.*

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** DECEMBER 24, 1982 **NO.** 51

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|---|
| East Coast | 1,099 | 1,007 | 882 | 1,032 | 1,569 | 65.8 |
| Appal. No. 1 | 83 | 77 | -- | 77 | 98 | 78.6 |
| **DISTRICT 1 TOTAL** | 1,182 | 1,084 | 882 | 1,109 | 1,667 | 66.5 |
| Appal. No. 2 | 60 | 51 | 5 | 60 | 66 | 90.9 |
| Ind., Ill., Ky. | 1,938 | 1,707 | 431 | 1,783 | 2,399 | 74.3 |
| Minn., Wis., Daks. | 271 | 249 | 115 | 263 | 293 | 89.8 |
| Okla., Kans., Mo. | 772 | 681 | 17 | 690 | 858 | 80.4 |
| **DISTRICT 2 TOTAL** | 3,041 | 2,688 | 568 | 2,796 | 3,616 | 77.3 |
| Inland Texas | 519 | 484 | 21 | 487 | 592 | 82.3 |
| Texas Gulf Coast | 2,781 | 2,519 | 704 | 2,582 | 3,993 | 64.7 |
| La. Gulf Coast | 2,074 | 1,858 | 623 | 1,978 | 2,728 | 72.5 |
| N. La. and Ark. | 167 | 149 | 10 | 158 | 314 | 50.3 |
| New Mexico | 100 | 66 | -- | 70 | 117 | 59.8 |
| **DISTRICT 3 TOTAL** | 5,641 | 5,076 | 1,358 | 5,275 | 7,744 | 68.1 |
| **DISTRICT 4 TOTAL** | 468 | 449 | 51 | 457 | 553 | 82.6 |
| **DISTRICT 5 TOTAL** | 2,222 | 2,018 | 268 | 2,089 | 3,083 | 67.8 |
| **TOTAL U.S.** | 12,554 | 11,315 | 3,127 | 11,726 | 16,663 | 70.4 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | |
| DEC. 17, 1982 | 12,348 | 11,192 | 2,966 | 11,633 | 16,663 | 69.8 |
| DEC. 25, 1981 | 13,314 | 12,204 | 3,890 | 12,489 | 18,230 | 68.5 |
| **DISTRICTS 1—4** **Weeks Ended:** | | | | | | |
| DEC. 24, 1982 | 10,332 | 9,297 | 2,859 | 9,637 | 13,580 | 71.0 |
| DEC. 17, 1982 | 10,197 | 9,226 | 2,724 | 9,566 | 13,580 | 70.4 |
| DEC. 25, 1981 | 11,285 | 10,211 | 3,717 | 10,480 | 15,068 | 69.6 |

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[1] Included in the Crude Oil Runs to Distillation Units.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** DECEMBER 24, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | |
| East Coast | 599 | 348 | 11 | 10 | 1 | 240 | 132 |
| Appal. No. 1 | 28 | 15 | 3 | -- | 2 | 16 | 8 |
| **DISTRICT 1 TOTAL** | 627 | 363 | 14 | 10 | 3 | 256 | 140 |
| Appal. No. 2 | 33 | 18 | -- | 3 | -- | 12 | 5 |
| Ind., Ill., Ky. | 1,109 | 662 | 13 | 77 | 17 | 371 | 91 |
| Minn., Wis., Daks. | 152 | 48 | 1 | 8 | 3 | 66 | 9 |
| Okla., Kans., Mo. | 481 | 227 | 7 | 11 | 9 | 197 | 15 |
| **DISTRICT 2 TOTAL** | 1,775 | 955 | 21 | 99 | 29 | 646 | 120 |
| Inland Texas | 268 | 154 | 26 | 18 | 8 | 119 | 22 |
| Texas Gulf Coast | 1,347 | 793 | 26 | 115 | 39 | 603 | 178 |
| La. Gulf Coast | 945 | 552 | 12 | 257 | 35 | 407 | 183 |
| N. La. and Ark. | 56 | 26 | 7 | -- | -- | 37 | 14 |
| New Mexico | 49 | 15 | 10 | -- | 2 | 22 | 3 |
| **DISTRICT 3 TOTAL** | 2,665 | 1,540 | 81 | 390 | 84 | 1,188 | 400 |
| **DISTRICT 4 TOTAL** | 230 | 81 | 14 | 18 | 2 | 120 | 10 |
| **DISTRICT 5 TOTAL** | 1,061 | 595 | 36 | 221 | 7 | 363 | 377 |
| **TOTAL U.S.** | 6,358 | 3,534 | 166 | 738 | 125 | 2,573 | 1,047 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| DEC. 17, 1982 | 6,370 | 3,504 | 189 | 720 | 114 | 2,551 | 992 |
| DEC. 25, 1981 | 6,605 | 3,598 | 156 | 778 | 152 | 2,886 | 1,246 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| DEC. 24, 1982 | 5,297 | 2,939 | 130 | 517 | 118 | 2,210 | 670 |
| DEC. 17, 1982 | 5,361 | 2,981 | 135 | 533 | 110 | 2,214 | 668 |
| DEC. 25, 1981 | 5,724 | 3,051 | 126 | 620 | 149 | 2,525 | 895 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** DECEMBER 24, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| New England | 5,817 | 3,051● | 107 | 724 | 820 | 16,710 | 2,711 | -- |
| Central Atlantic | 32,803 | 14,367● | 259 | 4,226 | 2,584 | 48,147 | 24,968 | 12,976 |
| Lower Atlantic | 27,696 | 14,279 | 100 | 4,023 | 1,869 | 17,038 | 4,845 | 475 |
| East Coast | 61,712 | 29,276 | 414 | 8,766 | 4,941 | 78,588 | 32,084 | 12,448 |
| Appal. No. 1 | 4,604 | 2,421 | 52 | 207 | 332 | 3,307 | 440 | 1,003 |
| **DISTRICT 1 TOTAL** | 66,316 | 31,697 | 466 | 8,973 | 5,273 | 81,895 | 32,524 | 13,451 |
| Appal. No. 2 | 2,621 | 1,295 | 10 | 114 | 274 | 1,756 | 403 | 132 |
| Ind., Ill., Ky. | 36,308 | 14,742 | 485● | 4,193● | 2,093 | 24,804 | 4,399 | 12,390 |
| Minn., Wis., Daks. | 7,560 | 2,822 | 131 | 558 | 120 | 6,915 | 520 | 486 |
| Okla., Kans., Mo. | 20,669 | 7,623 | 549 | 2,037 | 546 | 14,641 | 799 | 5,559 |
| **DISTRICT 2 TOTAL** | 67,158 | 26,482 | 1,175● | 6,902● | 3,033 | 48,116 | 6,121 | 18,567 |
| Inland Texas | 7,592 | 2,842 | 472 | 1,762 | 75 | 3,521 | 381 | 2,575 |
| Texas Gulf Coast | 26,265 | 9,705 | 762 | 3,519 | 1,440 | 16,423 | 8,013 | 26,276 |
| La. Gulf Coast | 19,360 | 6,916 | 454 | 3,479 | 688 | 8,525 | 8,136 | 14,406 |
| N. La. and Ark. | 11,033 | 5,967 | 406 | 1,128 | 384 | 7,292 | 424 | 898 |
| New Mexico | 761 | 288 | 522 | 70 | 28 | 550 | 62 | 266 |
| **DISTRICT 3 TOTAL** | 65,011 | 25,718 | 2,616 | 9,958 | 2,615 | 36,311 | 17,016 | 44,421 |
| **DISTRICT 4 TOTAL** | 8,146 | 2,047 | 315 | 584 | 46 | 3,689 | 495 | 2,821 |
| **DISTRICT 5 TOTAL** | 28,455 | 10,154 | 1,402 | 5,675 | 170 | 11,356 | 8,810 | 25,100 |
| **TOTAL U.S.** | 235,086 | 96,098* | 5,974 | 32,092 | 11,137 | 181,367 | 64,966 | 104,360 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | |
| DEC. 17, 1982 | 233,162 | 94,941 | 6,058● | 34,282● | 11,289 | 181,319 | 64,475 | 106,424 |
| DEC. 25, 1981 | 252,791 | 95,401 | 6,977 | 34,382 | 11,120 | 190,062 | 81,397 | 112,071 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | | |
| DEC. 24, 1982 | 206,631 | 85,944 | 4,572 | 26,417 | 10,967 | 170,011 | 56,156 | 79,260 |
| DEC. 17, 1982 | 205,417 | 85,092 | 4,593● | 28,271● | 11,013 | 170,233 | 55,761 | 81,173 |
| DEC. 25, 1981 | 221,310 | 83,819 | 5,396 | 27,779 | 10,893 | 177,477 | 71,184 | 85,986 |

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[1] Included in Total Motor Gasoline stocks.
[2] Includes Grade No. 4 fuel oil

● SEE REVISIONS ON PAGE 7

*INCLUDES 23,177 BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:
DIST. 1: 2,894 DIST. 2: 4,999 DIST. 3: 10,001 DIST. 4: 781 DIST. 5: 4,502

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *DECEMBER* 24, 1982

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy *AUG* 1982 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| *DEC.* 24, 1982 | 5,851.5 | 5,813.0 | 2,363 | 168 | 271,486 |
| *DEC.* 17, 1982 | 5,851.5 | -- | 2,968 | 181 | 273,750 |
| *DEC.* 10, 1982 | 5,851.5 | -- | 3,046 | 146 | 271,064 |
| *DEC.* 3, 1982 | 5,852.5 | -- | 3,550 | 158 | 269,293 |
| **DISTRICT 5 TOTAL** | | | | | |
| *DEC.* 24, 1982 | 2,767.5 | 2,807.0 | 193 | 36 | 80,405 * |
| *DEC.* 17, 1982 | 2,767.5 | -- | 234 | 15 | 84,051 |
| *DEC.* 10, 1982 | 2,767.5 | -- | 214 | 29 | 82,548 |
| *DEC.* 3, 1982 | 2,785.1 | -- | 240 | 14 | 82,147 |
| **TOTAL U.S.** | | | | | |
| *DEC.* 24, 1982 | 8,619.0 | 8,620.0 | 2,556 | 204 | 351,891 * |
| *DEC.* 17, 1982 | 8,619.0 | -- | 3,202 | 196 | 357,801 |
| *DEC.* 10, 1982 | 8,619.0 | -- | 3,260 | 175 | 353,612 |
| *DEC.* 3, 1982 | 8,637.6 | -- | 3,790 | 172 | 351,440 |
| *DEC.* 25, 1981 | 8,309.0/A | -- | 3,103 | 179 | 366,184 |

**INCLUDES* 24,265 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR DECEMBER* 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | Week Ended *DECEMBER* 24, 1982 Domestic | Foreign | Total | Week Ended *DECEMBER* 25, 1981 Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| PAD District 1 | 4,708 | 14,075 | 18,783 | 5,516 | 15,578 | 21,094 |
| PAD District 2 | 62,189 | 14,046 | 76,235 | 68,935 | 15,096 | 84,031 |
| PAD District 3 | 121,717 | 41,743 | 163,460 | 125,079 | 40,992 | 166,071 |
| PAD District 4 | 11,620 | 1,388 | 13,008 | 14,091 | 761 | 14,852 |
| **TOTAL PAD DISTRICTS 1—4** | 200,234 | 71,252 | 271,486 | 213,621 | 72,427 | 286,048 |
| **PAD District 5** | 75,704 | 4,701 | 80,405 * | 72,170 | 7,966 | 80,136 |
| **TOTAL U.S.** | 275,938 | 75,953 | 351,891 * | 285,791 | 80,393 | 366,184 |

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[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** DECEMBER 24, 1982

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | -- | -- | -- | 6 | -- | -- | -- | -- | -- | 6 |
| Central Atlantic | 149 | 50 | 7 | 9 | 5 | 66 | -- | 338 | 5 | 22 | 3 | -- | 2 | 4 | 610 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 65 | -- | -- | -- | -- | -- | -- | 65 |
| **DISTRICT 1 TOTAL[2]** | | | | | | | | | | | | | | | |
| DEC. 24, 1982 | 149 | 50 | 7 | 9 | 5 | 66 | -- | 403 | 11 | 22 | 3 | -- | 2 | 4 | 681 |
| DEC. 17, 1982 | 169 | 49 | 7 | 11 | 12 | 105 | -- | 447 | 5 | 15 | 5 | -- | 2 | 15 | 793 |
| DEC. 10, 1982 | 140 | 49 | 7 | 8 | 12 | 252 | -- | 620 | 11 | 19 | 8 | -- | 2 | 24 | 1,103 |
| DEC. 3, 1982 | 135 | 81 | 6 | 9 | 9 | 87 | -- | 664 | 7 | 17 | 11 | -- | 2 | 19 | 966 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 24, 1982 | 10 | -- | -- | -- | -- | 1 | -- | 69 | 205 | 50 | 10 | -- | -- | 54 | 399 |
| DEC. 17, 1982 | 12 | 2 | -- | -- | -- | -- | -- | 58 | 200 | 50 | 13 | 9 | -- | 18 | 360 |
| DEC. 10, 1982 | 11 | 1 | -- | -- | -- | -- | -- | 79 | 194 | 53 | 26 | 10 | -- | 2 | 375 |
| DEC. 3, 1982 | 10 | 1 | -- | -- | -- | 2 | -- | 81 | 213 | 48 | 14 | 12 | -- | 20 | 400 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 24, 1982 | 51 | 13 | 1 | 1 | -- | 7 | -- | 19 | 15 | 1 | 4 | -- | -- | -- | 99 |
| DEC. 17, 1982 | 38 | 12 | 1 | 1 | -- | 6 | -- | 15 | 13 | 4 | 5 | 1 | -- | 7 | 91 |
| DEC. 10, 1982 | 39 | 13 | 1 | 2 | -- | 8 | -- | 17 | 16 | 5 | 5 | 1 | -- | 7 | 101 |
| DEC. 3, 1982 | 41 | 12 | 3 | 2 | -- | 6 | -- | 12 | 16 | 5 | 6 | 1 | -- | 4 | 96 |
| **TOTAL U.S.** | 210 | 63 | 8 | 10 | 5 | 74 | -- | 491 | 231 | 73 | 17 | -- | 2 | 58 | 1,179 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | | | | | |
| DEC. 17, 1982 | 219 | 63 | 8 | 12 | 12 | 111 | -- | 520 | 218 | 69 | 23 | 10 | 2 | 40 | 1,244 |
| DEC. 10, 1982 | 190 | 63 | 8 | 10 | 12 | 260 | -- | 716 | 221 | 77 | 39 | 11 | 2 | 33 | 1,579 |
| DEC. 3, 1982 | 186 | 94 | 9 | 11 | 9 | 95 | -- | 757 | 236 | 70 | 31 | 13 | 2 | 43 | 1,462 |
| DEC. 25, 1981 | 148 | 74 | 10 | -- | 15 | 98 | -- | 1,066 | 267 | -- | 14 | 5 | 1 | 47 | 1,671 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

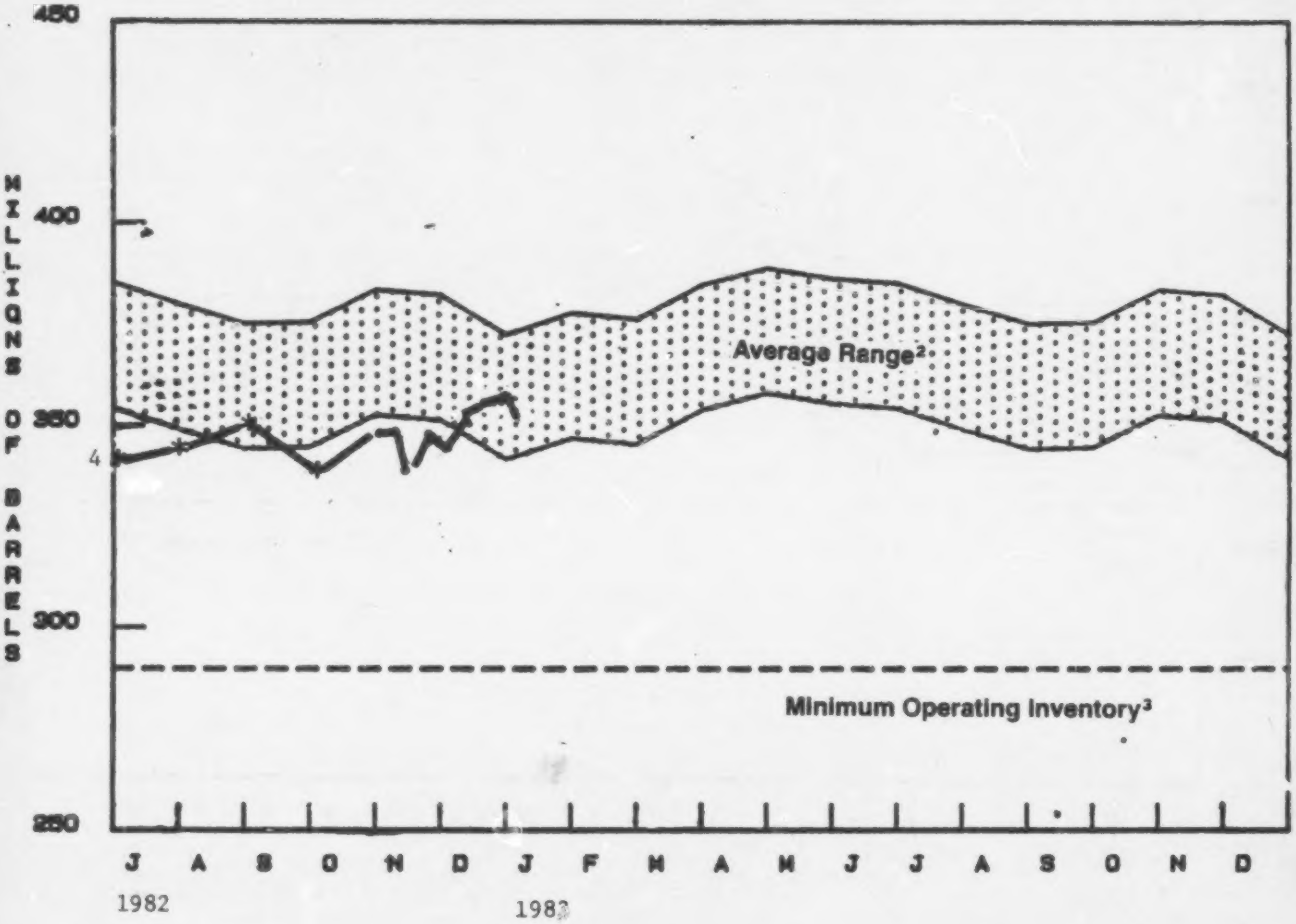
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 12/17/82 | PAGE 3 | UNLEADED MGAS | NEW ENGLAND | 3,234 |
| | | | CENTRAL ATLANTIC | 13,758 |
| | | NAPHTHA JET | IND., ILL., KY. | 548 |
| | | | DISTRICT 2 TOTAL | 1,279 |
| | | | TOTAL U.S. | 6,058 |
| | | | DISTRICTS 1-4 | 4,593 |
| | | KEROSINE JET | IND., ILL., KY. | 4,077 |
| | | | DISTRICT 2 TOTAL | 6,968 |
| | | | TOTAL U.S. | 34,282 |
| | | | DISTRICTS 1-4 | 28,271 |

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

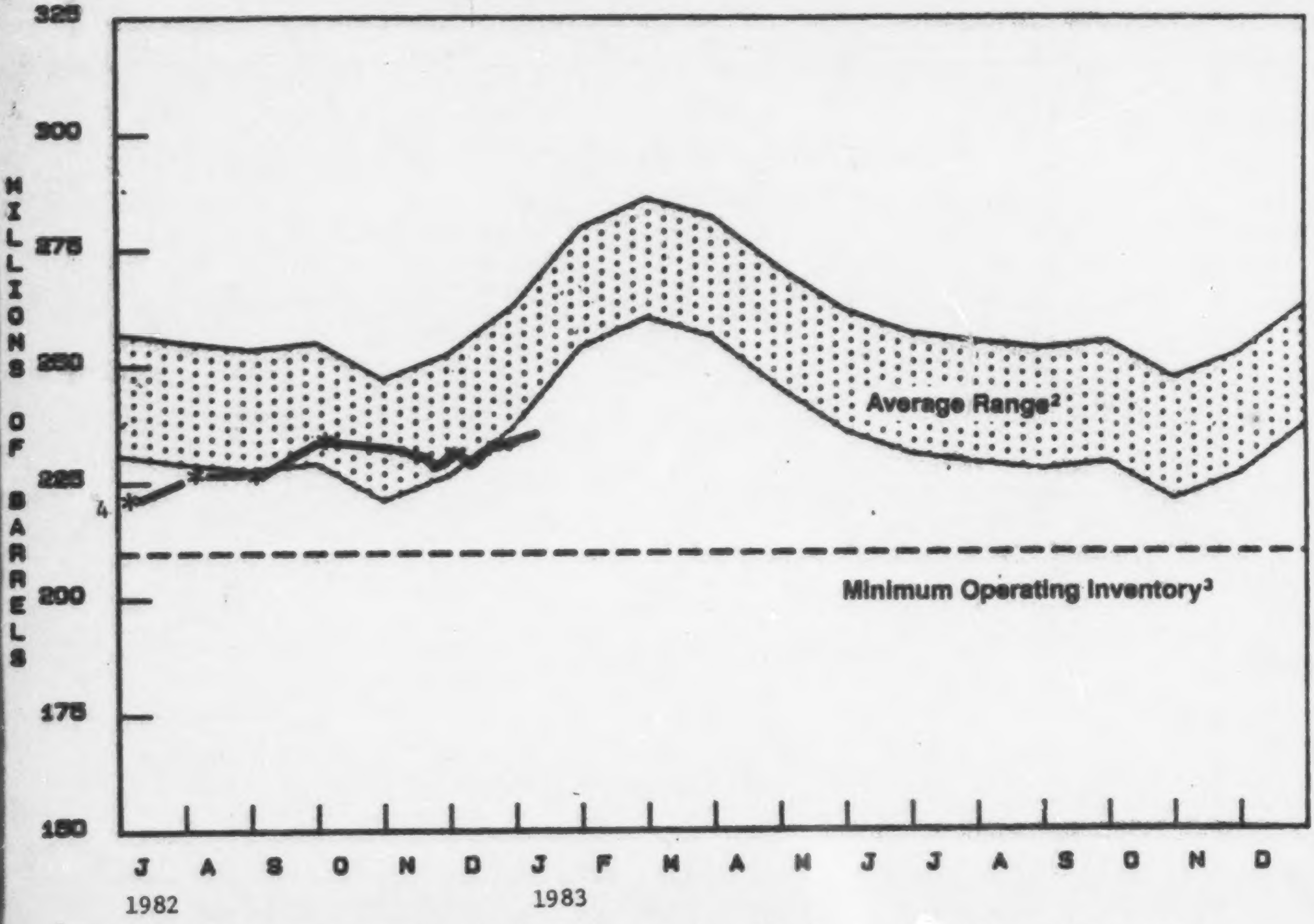
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical_Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1 5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

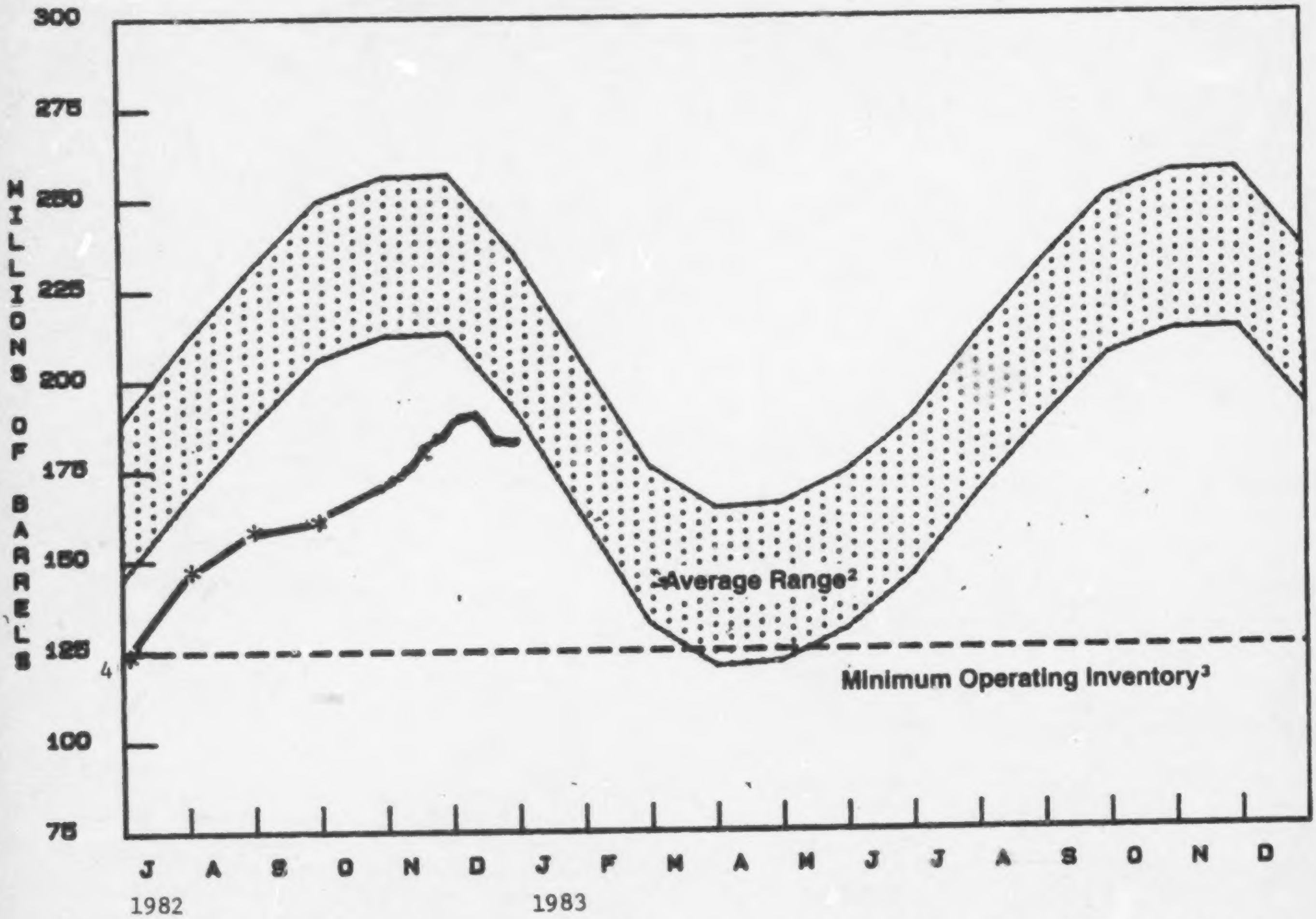
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

42575-1 1/4/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** DECEMBER 31, 1982 **NO.** 52

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

*ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.*

| | Current Week Ending: 12/31/82 | Last Week Ending: 12/24/82 | Last Year Week Ending: 01/01/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,994 | 11,760 | 12,847 | + 234 | - 853 |
| Operable capacity | 16,663 | 16,663 | 18,230 | 0 | - 1,567 |
| Percent operated | 72.0 | 70.6 | 70.5 | | |
| Motor Gasoline | | | | | |
| Motor gasoline production | 6,607 | 6,403 | 6,617 | + 204 | - 10 |
| Refinery shipments of unleaded motor gasoline | 3,549 | 3,534 | 3,530 | + 15 | + 19 |
| Total Motor gasoline stocks | 239,996 | 235,554 | 252,179 | + 4,442 | - 12,183 |
| Finished unleaded motor gasoline stock | 96,861 | 96,689 | 94,404 | + 172 | + 2,457 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,638 | 2,573 | 2,809 | + 65 | - 171 |
| Distillate fuel oil stocks | 179,869 | 180,850 | 190,339 | - 981 | - 10,470 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 1,013 | 1,055 | 1,328 | - 42 | - 315 |
| Residual fuel oil stocks | 67,187 | 64,227 | 80,994 | + 2,960 | - 13,807 |
| Imports | | | | | |
| Crude oil imports | 3,127 | 2,634 | 3,834 | + 493 | - 707 |
| Product imports | 1,236 | 1,179 | 1,546 | + 57 | - 310 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 348,484 | 353,529 | 366,335 | - 5,045 | - 17,851 |

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*TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE* (202) 457-7147.

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 63 **For Week Ended** *DECEMBER 31, 1982* **NO.** 52

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Foreign Crude Runs[1] | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|---|
| East Coast | 1,157 | 1,066 | 981 | 1,093 | 1,569 | 69.7 |
| Appal. No. 1 | 78 | 76 | -- | 76 | 98 | 77.6 |
| **DISTRICT 1 TOTAL** | 1,235 | 1,142 | 981 | 1,169 | 1,667 | 70.1 |
| Appal. No. 2 | 58 | 55 | 10 | 58 | 66 | 87.9 |
| Ind., Ill., Ky. | 2,053 | 1,792 | 548 | 1,832 | 2,399 | 76.4 |
| Minn., Wis., Daks. | 265 | 248 | 120 | 262 | 293 | 89.4 |
| Okla., Kans., Mo. | 823 | 716 | 13 | 725 | 858 | 84.5 |
| **DISTRICT 2 TOTAL** | 3,199 | 2,811 | 691 | 2,877 | 3,616 | 79.6 |
| Inland Texas | 528 | 501 | 33 | 506 | 592 | 85.5 |
| Texas Gulf Coast | 2,737 | 2,546 | 583 | 2,628 | 3,993 | 65.8 |
| La. Gulf Coast | 2,112● | 1,919● | 550● | 2,035● | 2,728 | 74.6● |
| N. La. and Ark. | 156 | 138 | 9 | 147 | 314 | 46.8 |
| New Mexico | 108 | 74 | -- | 78 | 117 | 66.7 |
| **DISTRICT 3 TOTAL** | 5,641● | 5,178● | 1,175● | 5,394● | 7,744 | 69.7● |
| **DISTRICT 4 TOTAL** | 480 | 457 | 47 | 466 | 553 | 84.3 |
| **DISTRICT 5 TOTAL** | 2,117 | 2,032 | 224 | 2,088 | 3,083 | 67.7 |
| **TOTAL U.S.** | 12,672 | 11,620 | 3,118 | 11,994 | 16,663 | 72.0 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | |
| *DEC. 24, 1982* | 12,594● | 11,349● | 3,149● | 11,760● | 16,663 | 70.6● |
| *JAN. 1, 1982* | 13,619 | 12,606 | 4,131 | 12,847 | 18,230 | 70.5 |
| **DISTRICTS 1—4** **Weeks Ended:** | | | | | | |
| *DEC. 31, 1982* | 10,555 | 9,588 | 2,894 | 9,906 | 13,580 | 72.9 |
| *DEC. 24, 1982* | 10,372● | 9,331● | 2,881● | 9,671● | 13,580 | 71.2● |
| *JAN. 1, 1982* | 11,454 | 10,544 | 3,928 | 10,766 | 15,068 | 71.4 |

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[1] Included in the Crude Oil Runs to Distillation Units.

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *DECEMBER* 31, 1982

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 667 | 393 | 11 | 37 | 7 | 293 | 103 |
| Appal. No. 1 | 28 | 14 | -- | -- | 3 | 17 | 8 |
| **DISTRICT 1 TOTAL** | 695 | 407 | 11 | 37 | 10 | 310 | 111 |
| Appal. No. 2 | 31 | 21 | -- | 3 | -- | 12 | 3 |
| Ind., Ill., Ky. | 1,132 | 576 | 11 | 129 | 24 | 344 | 73 |
| Minn., Wis., Daks. | 140 | 68 | 3 | 4 | 2 | 73 | 10 |
| Okla., Kans., Mo. | 492 | 227 | 14 | 20 | 1 | 221 | 14 |
| **DISTRICT 2 TOTAL** | 1,795 | 892 | 28 | 156 | 27 | 650 | 100 |
| Inland Texas | 293 | 152 | 26 | 14 | 8 | 113 | 21 |
| Texas Gulf Coast | 1,453 | 799 | 30 | 182 | 40 | 599 | 203 |
| La. Gulf Coast | 1,012● | 614 | 20 | 174 | 45 | 442 | 199● |
| N. La. and Ark. | 53 | 26 | 3 | -- | -- | 43 | 15 |
| New Mexico | 47 | 15 | 9 | 1 | 1 | 26 | 3 |
| **DISTRICT 3 TOTAL** | 2,858● | 1,606 | 88 | 371 | 94 | 1,223 | 441● |
| **DISTRICT 4 TOTAL** | 249● | 88 | 9 | 22 | 3 | 126 | 18 |
| **DISTRICT 5 TOTAL** | 1,010 | 556 | 40 | 198 | 5 | 329 | 343 |
| **TOTAL U.S.** | 6,607 | 3,549 | 176 | 784 | 139 | 2,638 | 1,013 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *DEC.* 24, 1982 | 6,403● | 3,534 | 166 | 738 | 125 | 2,573 | 1,055● |
| *JAN.* 1, 1982 | 6,617 | 3,530 | 197 | 782 | 214 | 2,809 | 1,328 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | |
| *DEC.* 31, 1982 | 5,597 | 2,993 | 136 | 586 | 134 | 2,309 | 670 |
| *DEC.* 24, 1982 | 5,342● | 2,939 | 130 | 517 | 118 | 2,210 | 678● |
| *JAN.* 1, 1982 | 5,660 | 2,990 | 145 | 566 | 210 | 2,468 | 1,005 |

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *DECEMBER* 31, 1982

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel | | Kerosine | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|
| | | | Naphtha Type | Kerosine Type | | | | |
| New England | 6,364 | 3,426 | 70 | 718 | 765 | 15,837 | 2,395 | -- |
| Central Atlantic | 32,715 | 14,249 | 322 | 4,760 | 2,656 | 47,671 | 27,593 | 12,339 |
| Lower Atlantic | 27,796 | 14,335 | 144 | 3,840 | 1,698 | 16,229● | 5,147 | 439 |
| East Coast | 62,202 | 29,605 | 483 | 9,038 | 4,710 | 76,202● | 34,683 | 11,819 |
| Appal. No. 1 | 4,673 | 2,405 | 53 | 280 | 409 | 3,535 | 452 | 959 |
| **DISTRICT 1 TOTAL** | 66,875 | 32,010 | 536 | 9,318 | 5,119 | 79,737● | 35,135 | 12,778 |
| Appal. No. 2 | 2,540 | 1,182 | 15 | 156 | 252 | 1,921 | 317 | 126 |
| Ind., Ill., Ky. | 36,702● | 14,846 | 557 | 4,215 | 2,178 | 25,428 | 3,636● | 12,257 |
| Minn., Wis., Daks. | 8,098 | 2,817 | 174 | 594 | 141 | 7,029 | 528 | 478 |
| Okla., Kans., Mo. | 19,891 | 7,241● | 504 | 2,256● | 397● | 14,472 | 789 | 5,170 |
| **DISTRICT 2 TOTAL** | 67,231● | 26,086● | 1,250 | 7,221● | 2,968● | 48,850 | 5,270● | 18,031 |
| Inland Texas | 8,281● | 3,615● | 472 | 1,033● | 85 | 3,660● | 590 | 2,550 |
| Texas Gulf Coast | 28,302 | 9,806 | 632 | 4,174● | 1,252 | 15,213● | 7,402 | 26,009 |
| La. Gulf Coast | 20,064 | 6,840 | 579 | 2,987 | 892 | 8,735 | 8,636 | 13,925 |
| N. La. and Ark. | 11,485 | 5,492 | 384 | 1,239● | 193● | 7,094 | 364 | 898 |
| New Mexico | 780 | 302 | 454 | 125 | 35 | 486 | 58 | 265 |
| **DISTRICT 3 TOTAL** | 68,912● | 26,055● | 2,521 | 9,558● | 2,457● | 35,188● | 17,050 | 43,647 |
| **DISTRICT 4 TOTAL** | 8,300 | 2,149 | 298 | 695 | 36 | 3,938 | 519 | 2,822 |
| **DISTRICT 5 TOTAL** | 28,678 | 10,561 | 1,349 | 5,438 | 163 | 12,156 | 9,213 | 25,495 |
| **TOTAL U.S.** | 239,996 | 96,861* | 5,954 | 32,230 | 10,743 | 179,869 | 67,187 | 102,773 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | |
| *DEC.* 24, 1982 | 235,554● | 96,689● | 5,974 | 32,296● | 10,865● | 180,850● | 64,227● | 104,360 |
| *JAN.* 1, 1982 | 252,179 | 94,404 | 7,094 | 32,445 | 11,005 | 190,339 | 80,994 | 109,627 |
| **DISTRICTS 1—4 Weeks Ended:** | | | | | | | | |
| *DEC.* 31, 1982 | 211,318 | 86,300 | 4,605 | 26,792 | 10,580 | 167,713 | 57,974 | 77,278 |
| *DEC.* 24, 1982 | 207,099● | 86,535● | 4,572 | 26,621● | 10,695● | 169,494● | 55,417● | 79,260 |
| *JAN.* 1, 1982 | 220,672 | 82,792 | 5,370 | 25,922 | 10,801 | 177,639 | 71,309 | 83,982 |

[1] Included in Total Motor Gasoline stocks.

[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE 7*

**INCLUDES 23,040 BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS:*
*DIST. 1:* 3,328 *DIST. 2:* 4,847 *DIST. 3:* 9,263 *DIST. 4:* 786 *DIST. 5:* 4,816

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1]<br>API Monthly | Estimated Domestic Production[1]<br>Latest Dept. of Energy AUG 1982 | Crude Oil Imports[1]<br>Total | Crude Oil Imports[1]<br>From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | ---Daily Average--- | | | | |
| **DISTRICTS 1—4 TOTAL** | | | | | |
| DEC. 31, 1982 | 5,851.5 | 5,813.0 | 2,942 | 162 | 267,368 |
| DEC. 24, 1982 | 5,851.5 | -- | 2,441● | 168 | 273,124● |
| DEC. 17, 1982 | 5,851.5 | -- | 2,968 | 181 | 273,750 |
| DEC. 10, 1982 | 5,851.5 | -- | 3,046 | 146 | 271,064 |
| **DISTRICT 5 TOTAL** | | | | | |
| DEC. 31, 1982 | 2,767.5 | 2,807.0 | 185 | -- | 81,116 * |
| DEC. 24, 1982 | 2,767.5 | -- | 193 | 36 | 80,405 |
| DEC. 17, 1982 | 2,767.5 | -- | 234 | 15 | 84,051 |
| DEC. 10, 1982 | 2,767.5 | -- | 214 | 29 | 82,548 |
| *INCLUDES 25,767 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. | | | | | |
| **TOTAL U.S.** | | | | | |
| DEC. 31, 1982 | 8,619.0 | 8,620.0 | 3,127 | 162 | 348,484 * |
| DEC. 24, 1982 | 8,619.0 | -- | 2,634● | 204 | 353,529● |
| DEC. 17, 1982 | 8,619.0 | -- | 3,202 | 196 | 357,801 |
| DEC. 10, 1982 | 8,619.0 | -- | 3,260 | 175 | 353,612 |
| JAN. 1, 1982 | 8,309.0/A | -- | 3,834 | 144 | 366,335 |

/A DOE ACTUAL FOR DECEMBER 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | Week Ended DECEMBER 31, 1982<br>Domestic | Week Ended DECEMBER 31, 1982<br>Foreign | Week Ended DECEMBER 31, 1982<br>Total | Week Ended JANUARY 1, 1982<br>Domestic | Week Ended JANUARY 1, 1982<br>Foreign | Week Ended JANUARY 1, 1982<br>Total |
|---|---|---|---|---|---|---|
| PAD District 1 | 4,917 | 13,151 | 18,068 | 4,953 | 15,704 | 20,657 |
| PAD District 2 | 64,288 | 11,926 | 76,214 | 67,612 | 13,783 | 81,395 |
| PAD District 3 | 120,783● | 39,162 | 159,945● | 125,457 | 39,309 | 164,766 |
| PAD District 4 | 11,725 | 1,416 | 13,141 | 14,011 | 779 | 14,790 |
| **TOTAL PAD DISTRICTS 1—4** | 201,713● | 65,655 | 267,368● | 212,033 | 69,575 | 281,608 |
| **PAD District 5** | 76,493 | 4,623 | 81,116 * | 78,142 | 6,585 | 84,727 |
| **TOTAL U.S.** | 278,206● | 70,278 | 348,484●* | 290,175 | 76,160 | 366,335 |

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[1] See definitional notes, Page 6.

● SEE REVISIONS ON PAGE 7

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline | Unleaded Motor Gasoline[1] | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Kerosine | Distillate Fuel Oil | Grade No. 4 Fuel Oil | Residual Fuel Oil | L.P.G. | Petro-chemical Feedstocks | Special Naphtha | Plant Condensate | Asphalt | Unfinished Oil[2] | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | -- | -- | -- | 4 | -- | -- | -- | -- | -- | 4 |
| Central Atlantic | 160 | 49 | -- | -- | -- | 74 | -- | 308 | 5 | -- | -- | -- | 2 | 9 | 558 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | 140 | -- | -- | -- | -- | -- | -- | 140 |
| **DISTRICT 1 TOTAL**[2] | | | | | | | | | | | | | | | |
| DEC. 31, 1982 | 160 | 49 | -- | -- | -- | 74 | -- | 448 | 9 | -- | -- | -- | 2 | 9 | 702 |
| DEC. 24, 1982 | 149 | 50 | 7 | 9 | 5 | 66 | -- | 403 | 11 | 22 | 3 | -- | 2 | 4 | 681 |
| DEC. 17, 1982 | 169 | 49 | 7 | 11 | 12 | 105 | -- | 447 | 5 | 15 | 5 | -- | 2 | 15 | 793 |
| DEC. 10, 1982 | 140 | 49 | 7 | 8 | 12 | 252 | -- | 620 | 11 | 19 | 8 | -- | 2 | 24 | 1,103 |
| **DISTRICTS 2—4 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 31, 1982 | 20 | -- | -- | -- | -- | -- | -- | 120 | 200 | -- | -- | 8 | -- | 76 | 424 |
| DEC. 24, 1982 | 10 | -- | -- | -- | -- | 1 | -- | 69 | 205 | 50 | 10 | -- | -- | 54 | 399 |
| DEC. 17, 1982 | 12 | 2 | -- | -- | -- | -- | -- | 58 | 200 | 50 | 13 | 9 | -- | 18 | 360 |
| DEC. 10, 1982 | 11 | 1 | -- | -- | -- | -- | -- | 79 | 194 | 53 | 26 | 10 | -- | 2 | 375 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | | | | | |
| DEC. 31, 1982 | 35 | 12 | -- | -- | -- | 7 | -- | 54 | 14 | -- | -- | -- | -- | -- | 110 |
| DEC. 24, 1982 | 51 | 13 | 1 | 1 | -- | 7 | -- | 19 | 15 | 1 | 4 | -- | -- | -- | 99 |
| DEC. 17, 1982 | 38 | 12 | 1 | 1 | -- | 6 | -- | 15 | 13 | 4 | 5 | 1 | -- | 7 | 91 |
| DEC. 10, 1982 | 39 | 13 | 1 | 2 | -- | 8 | -- | 17 | 16 | 5 | 5 | 1 | -- | 7 | 101 |
| **TOTAL U.S.** | 215 | 61 | -- | -- | -- | 81 | -- | 622 | 223 | -- | -- | 8 | 2 | 85 | 1,236 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | | | | | |
| DEC. 24, 1982 | 210 | 63 | 8 | 10 | 5 | 74 | -- | 491 | 231 | 73 | 17 | -- | 2 | 58 | 1,179 |
| DEC. 17, 1982 | 219 | 63 | 8 | 12 | 12 | 111 | -- | 520 | 218 | 69 | 23 | 10 | 2 | 40 | 1,244 |
| DEC. 10, 1982 | 190 | 63 | 8 | 10 | 12 | 260 | -- | 716 | 221 | 77 | 39 | 11 | 2 | 33 | 1,579 |
| JAN. 1, 1982 | 161 | 83 | 22 | -- | 15 | 165 | -- | 801 | 284 | -- | 6 | 6 | 1 | 85 | 1,546 |

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[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 12/24/82 | PAGE 1 | TOTAL REFINERY INPUT | LA. GULF COAST | 2,114 |
| | | | DISTRICT 3 TOTAL | 5,681 |
| | | | TOTAL U.S. | 12,594 |
| | | | DISTRICTS 1-4 | 10,372 |
| | | CRUDE OIL RUNS | LA. GULF COAST | 1,892 |
| | | | DISTRICT 3 TOTAL | 5,110 |
| | | | TOTAL U.S. | 11,349 |
| | | | DISTRICTS 1-4 | 9,331 |
| | | FOREIGN CRUDE RUNS | LA. GULF COAST | 645 |
| | | | DISTRICT 3 TOTAL | 1,380 |
| | | | TOTAL U.S. | 3,149 |
| | | | DISTRICTS 1-4 | 2,881 |
| | | INPUT TO CRUDE OIL | LA. GULF COAST | 2,012 |
| | | | DISTRICT 3 TOTAL | 5,309 |
| | | | TOTAL U.S. | 11,760 |
| | | | DISTRICTS 1-4 | 9,671 |
| | | o/o OPERATED | LA. GULF COAST | 73.8 |
| | | | DISTRICT 3 TOTAL | 68.6 |
| | | | TOTAL U.S. | 70.6 |
| | | | DISTRICTS 1-4 | 71.2 |
| | PAGE 2 | TOTAL MGAS | LA. GULF COAST | 963 |
| | | | DISTRICT 3 TOTAL | 2,683 |
| | | | DISTRICT 4 TOTAL | 257 |
| | | | TOTAL U.S. | 6,403 |
| | | | DISTRICTS 1-4 | 5,342 |
| | | RESIDUAL FUEL | LA. GULF COAST | 191 |
| | | | DISTRICT 3 TOTAL | 408 |
| | | | TOTAL U.S. | 1,055 |
| | | | DISTRICTS 1-4 | 678 |
| | PAGE 3 | TOTAL MGAS | IND., ILL., KY. | 36,173 |
| | | | DISTRICT 2 TOTAL | 67,023 |
| | | | INLAND TEXAS | 8,195 |
| | | | DISTRICT 3 TOTAL | 65,614 |
| | | | TOTAL U.S. | 235,554 |
| | | | DISTRICTS 1-4 | 207,099 |
| | | UNLEADED MGAS | OKLA., KANS., MO. | 8,104 |
| | | | DISTRICT 2 TOTAL | 26,963 |
| | | | INLAND TEXAS | 2,952 |

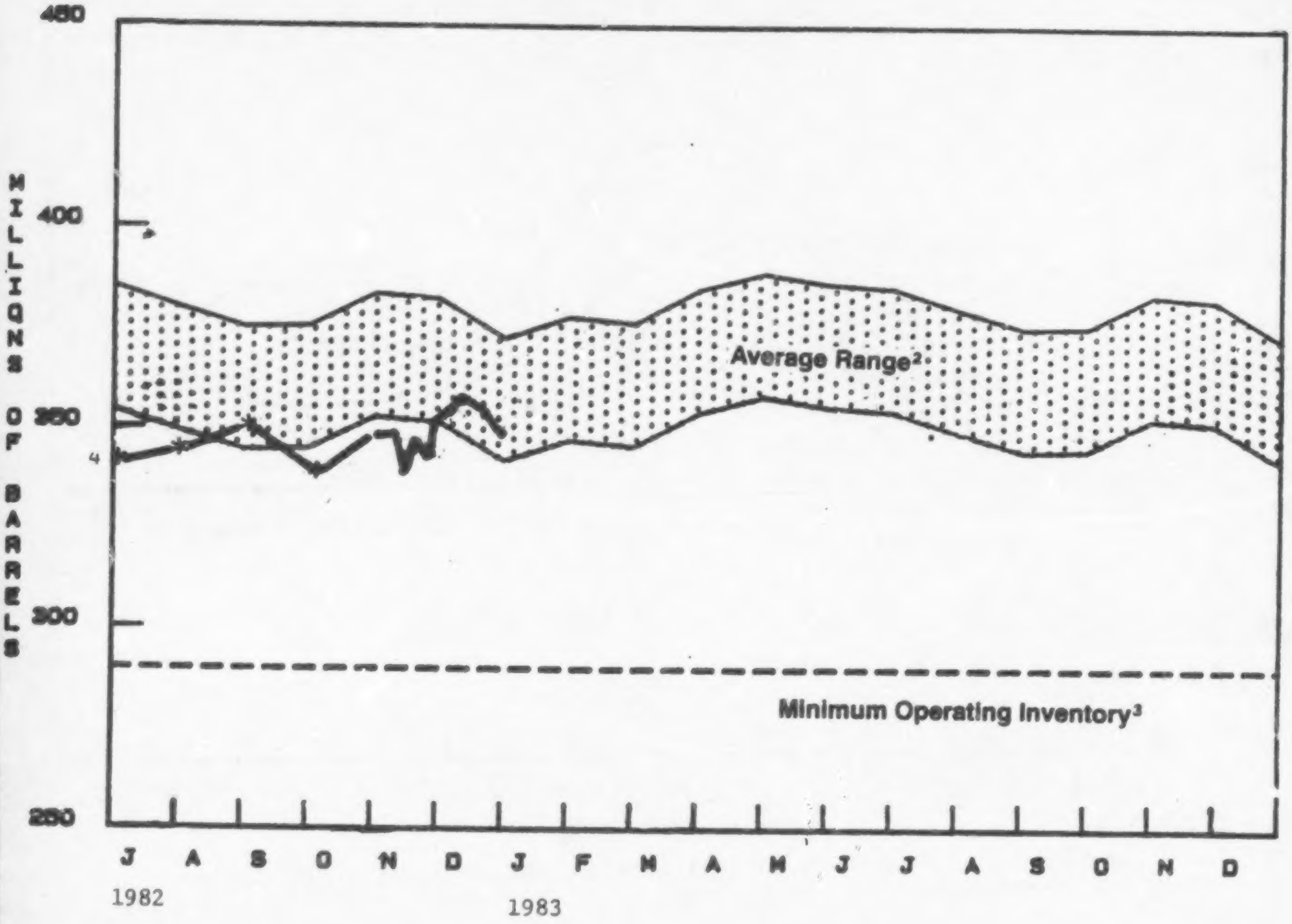
REVISIONS

| | | | |
|---|---|---|---|
| | | DISTRICT 3 TOTAL | 25,828 |
| | | TOTAL U.S. | 96,689 |
| | | DISTRICTS 1-4 | 86,535 |
| | KEROSINE JET | OKLA., KANS., MO. | 2,195 |
| | | DISTRICT 2 TOTAL | 7,060 |
| | | INLAND TEXAS | 1,213 |
| | | TEXAS GULF COAST | 4,000 |
| | | N. LA. AND ARK. | 1,242 |
| | | DISTRICT 3 TOTAL | 10,004 |
| | | TOTAL U.S. | 32,296 |
| | | DISTRICTS 1-4 | 26,621 |
| | KEROSINE | OKLA., KANS., MO. | 388 |
| | | DISTRICT 2 TOTAL | 2,875 |
| | | N. LA. AND ARK. | 270 |
| | | DISTRICT 3 TOTAL | 2,501 |
| | | TOTAL U.S. | 10,865 |
| | | DISTRICTS 1-4 | 10,695 |
| | DISTILLATE FUEL | LOWER ATLANTIC | 17,151 |
| | | EAST COAST | 78,701 |
| | | DISTRICT 1 TOTAL | 82,008 |
| | | INLAND TEXAS | 3,112 |
| | | TEXAS GULF COAST | 16,202 |
| | | DISTRICT 3 TOTAL | 35,681 |
| | | TOTAL U.S. | 180,850 |
| | | DISTRICTS 1-4 | 169,494 |
| | RESIDUAL FUEL | IND., ILL., KY. | 3,660 |
| | | DISTRICT 2 TOTAL | 5,382 |
| | | TOTAL U.S. | 64,227 |
| | | DISTRICTS 1-4 | 55,417 |
| PAGE 4 TOP | TOTAL CRUDE OIL IMPORTS | DISTRICTS 1-4 TOTAL | 2,441 |
| | | TOTAL U.S. | 2,634 |
| | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 273,124 |
| | | TOTAL U.S. | 353,529 |
| PAGE 4 BOTTOM | DOMESTIC | PAD DISTRICT 3 | 123,355 |
| | | TOTAL PAD DISTRICTS 1-4 | 201,872 |
| | | TOTAL U.S. | 277,576 |
| | TOTAL | PAD DISTRICT 3 | 165,098 |
| | | TOTAL PAD DISTRICTS 1-4 | 273,124 |

## REVISIONS

| | |
|---|---|
| TOTAL U.S. | 353,529 |

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

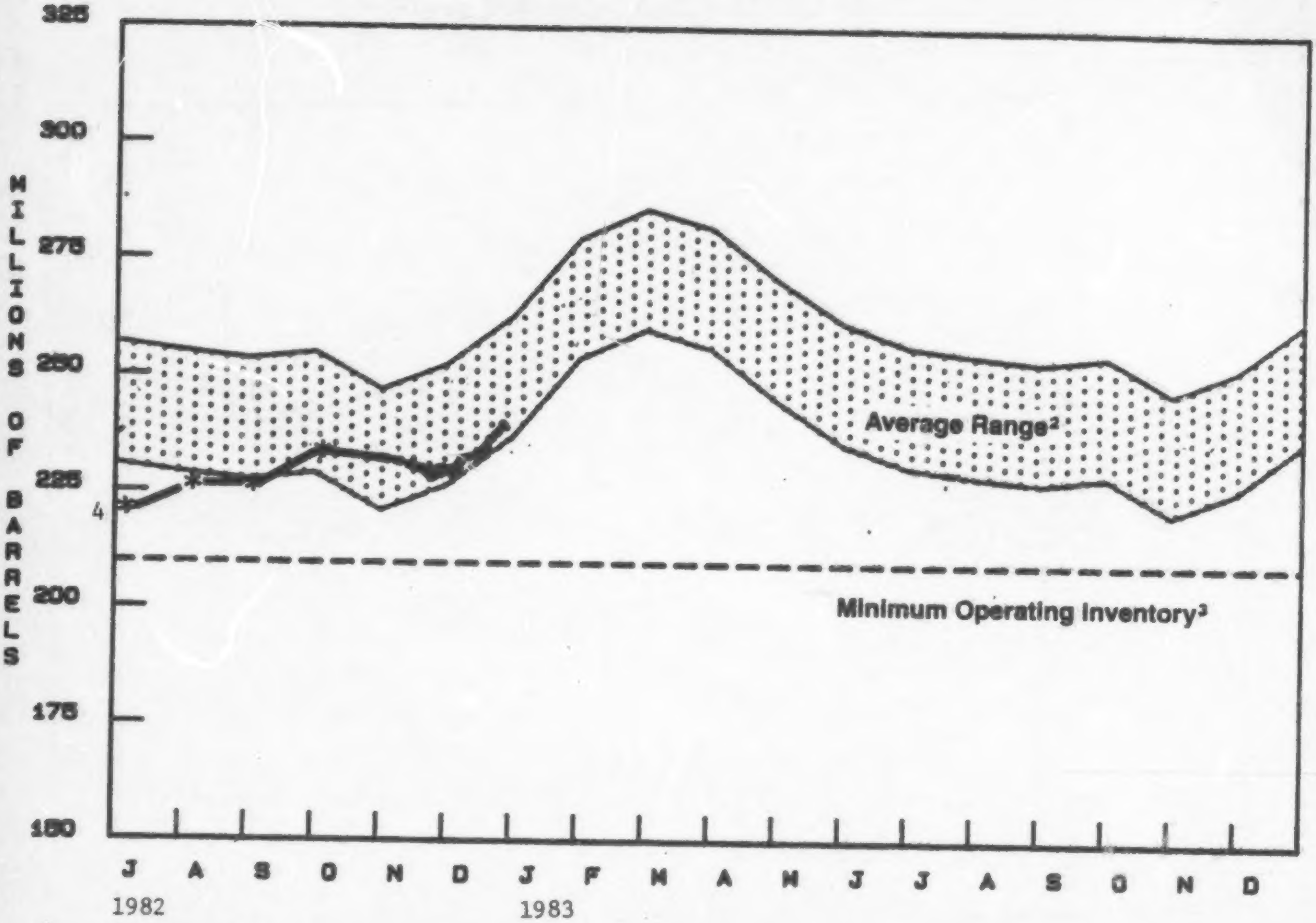
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

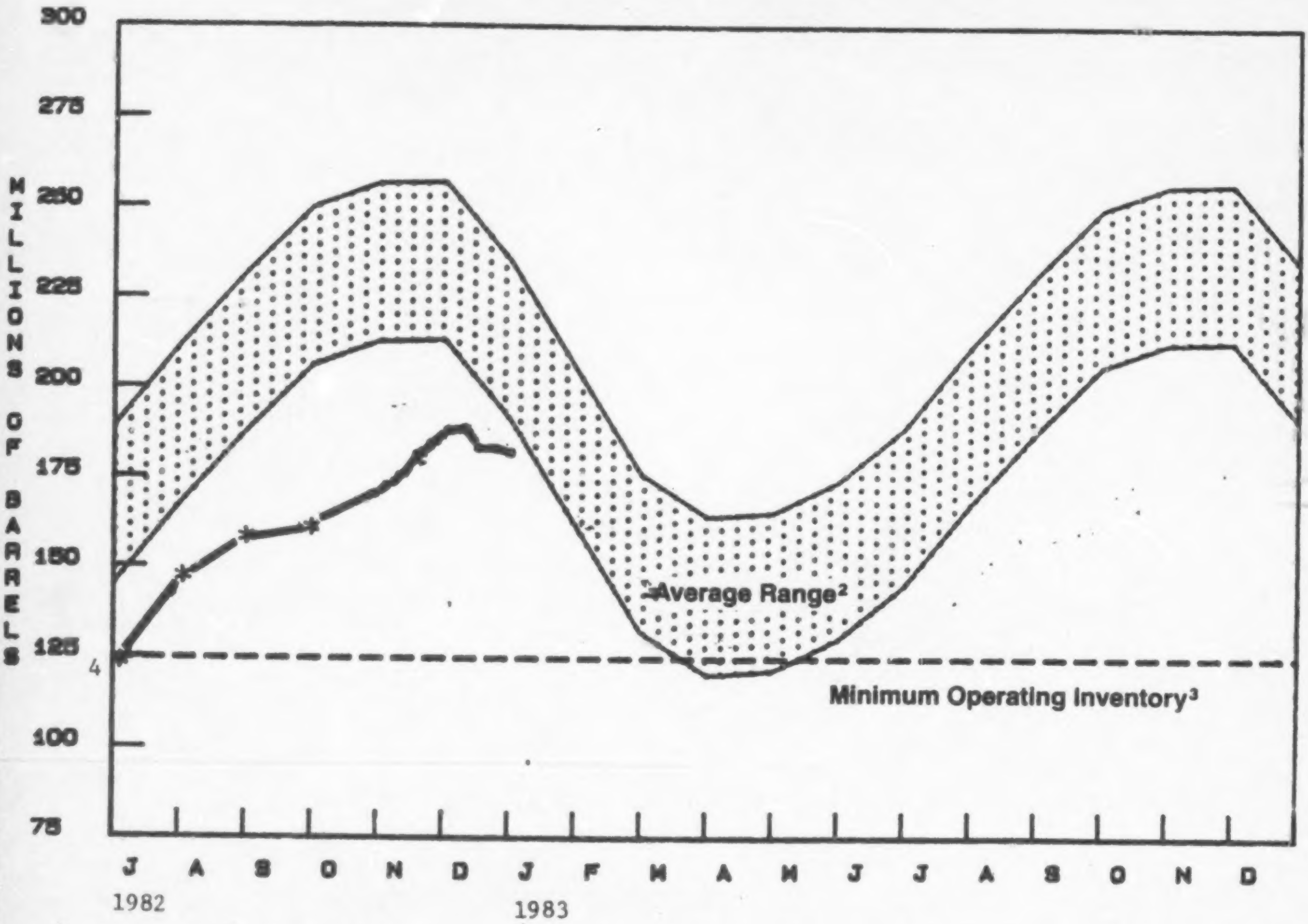
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ending January 7, 1983

## NOTICE

In order to reduce the burden on reporting companies in the weekly program, the API has made certain changes in the Weekly Statistical Bulletin.

Beginning with this issue, the Weekly Statistical Bulletin will no longer carry data on kerosine production, stocks and imports. Foreign crude oil runs have also been eliminated, as well as, stocks of foreign crude oil. Only total crude oil runs (foreign and domestic combined) and total crude oil stocks (foreign and domestic combined) will be carried.

Refinery district detail on product stocks has been eliminated except for PAD 1 which will be segregated into New England, Central Atlantic and Lower Atlantic.

Separate reporting on certain imports such as petrochemical feedstocks, special naphthas, plant condensate, and asphalt have been eliminated. These products will be combined under the heading "Other" which will also include lubricants, waxes, aviation gasoline and miscellaneous product imports not otherwise identified in the report. Number 4 fuel oil has been combined with distillate fuel oil.

Production of motor gasoline has been segregated into finished leaded and unleaded motor gasoline. Stocks of motor gasoline have been segregated into stocks of finished leaded and unleaded motor gasoline and motor gasoline components. Imports of motor gasoline will be reported as finished leaded or unleaded motor gasoline.

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JANUARY 7, 1983* **NO.** 1

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | **Current Week Ending:** 01/07/83 | **Last Week Ending:** 12/31/82 | **Last Year Week Ending:** 01/08/82 | **Change From Last Week** | **Change From Last Year** |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,056 | 11,994 | 12,405 | + 62 | - 349 |
| Operable capacity | 16,663 | 16,663 | 17,822 | 0 | - 1,159 |
| Percent operated | 72.4 | 72.0 | 69.6 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,365 | 6,607 | 6,558 | - 242 | - 193 |
| Finished leaded motor gasoline production | 3,108 | *N/A* | *N/A* | *N/A* | *N/A* |
| Finished unleaded motor gasoline production | 3,257 | *N/A* | *N/A* | *N/A* | *N/A* |
| Total motor gasoline stocks | 246,292 | 240,564 | 258,093 | + 5,728 | - 11,801 |
| Finished leaded motor gasoline stocks | 102,080 | *N/A* | *N/A* | *N/A* | *N/A* |
| Finished unleaded motor gasoline stocks | 98,689 | 96,861 | 97,997 | + 1,828 | + 692 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,463 | 2,671 | 2,875 | - 208 | - 412 |
| Distillate fuel oil stocks | 177,900 | 179,869 | 189,066 | - 1,969 | - 11,166 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 1,132 | 1,013 | 1,327 | + 119 | - 195 |
| Residual fuel oil stocks | 68,039 | 67,187 | 82,175 | + 852 | - 14,136 |
| Imports | | | | | |
| Crude oil imports | 2,925 | 3,127 | 4,323 | - 202 | - 1,398 |
| Product imports | 1,677 | 1,236 | 1,783 | + 441 | - 106 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 345,506 | 348,484 | 368,426 | - 2,978 | - 22,920 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JANUARY* 7, 1983 **NO.** 1

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,104 | 1,016 | 1,052 | 1,569 | 67.0 |
| Appal. No. 1 | 71 | 70 | 70 | 98 | 71.4 |
| **DISTRICT 1 TOTAL** | 1,175 | 1,086 | 1,122 | 1,667 | 67.3 |
| Appal. No. 2 | 67 | 64 | 67 | 66 | 101.5 |
| Ind., Ill., Ky. | 2,062 | 1,801 | 1,867 | 2,399 | 77.8 |
| Minn., Wis., Daks. | 279 | 262 | 277 | 293 | 94.5 |
| Okla., Kans., Mo. | 801 | 689 | 699 | 858 | 81.5 |
| **DISTRICT 2 TOTAL** | 3,209 | 2,816 | 2,910 | 3,616 | 80.5 |
| Inland Texas | 463 | 428 | 477 | 592 | 80.6 |
| Texas Gulf Coast | 2,945 | 2,452 | 2,732 | 3,993 | 68.4 |
| La. Gulf Coast | 2,174 | 1,985 | 2,088 | 2,728 | 76.5 |
| N. La. and Ark. | 147 | 129 | 138 | 314 | 43.9 |
| New Mexico | 105 | 94 | 97 | 117 | 82.9 |
| **DISTRICT 3 TOTAL** | 5,834 | 5,088 | 5,532 | 7,744 | 71.4 |
| **DISTRICT 4 TOTAL** | 455 | 433 | 440 | 553 | 79.6 |
| **DISTRICT 5 TOTAL** | 2,113 | 2,003 | 2,052 | 3,083 | 66.6 |
| **TOTAL U.S.** | 12,786 | 11,426 | 12,056 | 16,663 | 72.4 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *DEC*. 31, 1982 | 12,672 | 11,620 | 11,994 | 16,663 | 72.0 |
| *JAN*. 8, 1982 | 13,293 | 12,149 | 12,405 | 17,822 | 69.6 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *JAN*. 7, 1983 | 10,673 | 9,423 | 10,004 | 13,580 | 73.7 |
| *DEC*. 31, 1982 | 10,555 | 9,588 | 9,906 | 13,580 | 72.9 |
| *JAN*. 8, 1982 | 11,201 | 10,157 | 10,374 | 14,698 | 70.6 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JANUARY 7, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 576 | 202 | 374 | 21 | 28 | 269 | 143 |
| Appal. No. 1 | 26 | 10 | 16 | 1 | -- | 17 | 5 |
| **DISTRICT 1 TOTAL** | 602 | 212 | 390 | 22 | 28 | 286 | 148 |
| Appal. No. 2 | 37 | 19 | 18 | -- | 4 | 12 | 4 |
| Ind., Ill., Ky. | 1,216 | 595 | 621 | 14 | 115 | 345 | 177 |
| Minn., Wis., Daks. | 174 | 103 | 71 | 3 | 4 | 65 | 12 |
| Okla., Kans., Mo. | 443 | 268 | 175 | 6 | 22 | 206 | 14 |
| **DISTRICT 2 TOTAL** | 1,870 | 985 | 885 | 23 | 145 | 628 | 207 |
| Inland Texas | 223 | 118 | 105 | 25 | 11 | 81 | 22 |
| Texas Gulf Coast | 1,469 | 702 | 767 | 38 | 182 | 594● | 175 |
| La. Gulf Coast | 944 | 462 | 482 | 14 | 182 | 351 | 175 |
| N. La. and Ark. | 59 | 26 | 33 | 4 | -- | 40 | 15 |
| New Mexico | 27 | 25 | 2 | 19 | -- | 41 | 8 |
| **DISTRICT 3 TOTAL** | 2,722 | 1,333 | 1,389 | 100 | 375 | 1,107● | 395 |
| **DISTRICT 4 TOTAL** | 267 | 197 | 70 | 10 | 21 | 116 | 18 |
| **DISTRICT 5 TOTAL** | 904 | 381 | 523 | 29 | 207 | 326 | 304 |
| **TOTAL U.S.** | 6,365 | 3,108 | 3,257 | 184 | 776 | 2,463 | 1,132 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| DEC. 31, 1982 | 6,607 | N/A | N/A | 176 | 784 | 2,671● | 1,013 |
| JAN. 8, 1982 | 6,558 | N/A | N/A | 143 | 811 | 2,875 | 1,327 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| JAN. 7, 1983 | 5,461 | 2,727 | 2,734 | 155 | 569 | 2,137 | 768 |
| DEC. 31, 1982 | 5,597 | N/A | N/A | 136 | 586 | 2,342● | 670 |
| JAN. 8, 1982 | 5,626 | N/A | N/A | 111 | 606 | 2,532 | 1,060 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

● SEE REVISIONS ON PAGE 7.

NA-Not Available

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Motor Gasoline Blending Components | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| New England | 6,573 | 3,233 | 3,323 | -- | 62 | 718 | 15,138 | 2,856 | -- |
| Central Atlantic | 33,559 | 13,988 | 14,386 | 5,373 | 825 | 4,417 | 44,390 | 26,957 | 13,000 |
| Lower Atlantic | 27,629 | 13,393 | 14,065 | -- | 86 | 4,429 | 17,431 | 5,702 | 439 |
| **DISTRICT 1 TOTAL** | 67,761 | 30,614 | 31,774 | 5,373 | 973 | 9,564 | 76,959 | 35,515 | 13,439 |
| **DISTRICT 2 TOTAL** | 71,223● | 32,841 | 28,477 | 9,905 | 1,278 | 7,061 | 50,589 | 5,805 | 17,450 |
| **DISTRICT 3 TOTAL** | 69,385 | 24,162 | 25,793 | 19,430 | 2,545 | 9,571 | 34,261 | 16,437 | 43,991 |
| **DISTRICT 4 TOTAL** | 8,899 | 4,128 | 2,190 | 2,581 | 320 | 700 | 3,861 | 552 | 2,756 |
| **DISTRICT 5 TOTAL** | 29,024 | 10,335 | 10,455 | 8,234 | 1,307 | 5,273 | 12,230 | 9,730 | 25,619 |
| **TOTAL U.S.** | 246,292 | 102,080 | 98,689 | 45,523 | 6,423 | 32,169 | 177,900 | 68,039 | 103,255 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| DEC. 31, 1982 | 240,564● | N/A | 96,861 | N/A | 5,954 | 32,230 | 179,869 | 67,187 | 102,773 |
| JAN. 8, 1982 | 258,093 | N/A | 97,997 | N/A | 6,476 | 33,713 | 189,066 | 82,175 | 109,953 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | | | | | |
| JAN. 7, 1983 | 217,268 | 91,745 | 88,234 | 37,289 | 5,116 | 26,896 | 165,670 | 58,309 | 77,636 |
| DEC. 31, 1982 | 211,886● | N/A | 86,300 | N/A | 4,605 | 26,792 | 167,713 | 57,974 | 77,278 |
| JAN. 8, 1982 | 226,229 | N/A | 86,284 | N/A | 5,030 | 27,404 | 176,176 | 71,945 | 84,448 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● SEE REVISIONS ON PAGE 7.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *AUG.* 1982 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JAN.* 7, 1983 | 5,851.5 | 5,813.0 | 2,618 | 182 | 269,705 |
| *DEC.* 31, 1982 | 5,851.5 | -- | 2,942 | 162 | 267,368 |
| *DEC.* 24, 1982 | 5,851.5 | -- | 2,441 | 168 | 273,124 |
| *DEC.* 17, 1982 | 5,851.5 | -- | 2,968 | 181 | 273,750 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JAN.* 7, 1983 | 2,767.5 | 2,807.0 | 307 | 20 | 75,801 * |
| *DEC.* 31, 1982 | 2,767.5 | -- | 185 | -- | 81,116 |
| *DEC.* 24, 1982 | 2,767.5 | -- | 193 | 36 | 80,405 |
| *DEC.* 17, 1982 | 2,767.5 | -- | 234 | 15 | 84,051 |
| **INCLUDES* 26,210 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* | | | | | |
| **TOTAL U.S.** | | | | | |
| *JAN.* 7, 1983 | 8,619.0 | 8,620.0 | 2,925 | 202 | 345,506 * |
| *DEC.* 31, 1982 | 8,619.0 | -- | 3,127 | 162 | 348,484 |
| *DEC.* 24, 1982 | 8,619.0 | -- | 2,634 | 204 | 353,529 |
| *DEC.* 17, 1982 | 8,619.0 | -- | 3,202 | 196 | 357,801 |
| *JAN.* 8, 1982 | 8,309.0/A | -- | 4,323 | 150 | 368,426 |

*/A DOE ACTUAL FOR DECEMBER* 1981.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JAN.* 7, 1983 | 18,405 | 77,318 | 161,001 | 12,981 | 269,705 | 75,801 * | 345,506 * |
| *DEC.* 31, 1982 | 18,068 | 76,214 | 159,945 | 13,141 | 267,368 | 81,116 | 348,484 |
| *JAN.* 8, 1982 | 20,900 | 81,963 | 165,725 | 14,937 | 283,525 | 84,901 | 368,426 |

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[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JANUARY 7, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 151 | 2 | -- | -- | 153 |
| Central Atlantic | 124 | 71 | 53 | 3 | 5 | 66 | 165 | 3 | 97 | 66 | 529 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 157 | -- | -- | -- | 157 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| JAN. 7, 1983 | 124 | 71 | 53 | 3 | 5 | 66 | 473 | 5 | 97 | 66 | 839 |
| DEC. 31, 1982 | 160 | N/A | 49 | -- | -- | 74 | 448 | 9 | 9 | 2 | 702 |
| DEC. 24, 1982 | 149 | N/A | 50 | 7 | 9 | 66 | 403 | 11 | 4 | 27 | 676 |
| DEC. 17, 1982 | 169 | N/A | 49 | 7 | 11 | 105 | 447 | 5 | 15 | 22 | 781 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| JAN. 7, 1933 | 4 | 1 | 3 | -- | -- | 1 | 56 | 215 | 369 | 98 | 743 |
| DEC. 31, 1982 | 20 | N/A | -- | -- | -- | -- | 120 | 200 | 76 | 8 | 424 |
| DEC. 24, 1982 | 10 | N/A | -- | -- | -- | 1 | 69 | 205 | 54 | 60 | 399 |
| DEC. 17, 1982 | 12 | N/A | 2 | -- | -- | -- | 58 | 200 | 18 | 72 | 360 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| JAN. 7, 1983 | 36 | 23 | 13 | -- | 1 | 7 | 19 | 15 | 9 | 8 | 95 |
| DEC. 31, 1982 | 35 | N/A | 12 | -- | -- | 7 | 54 | 14 | -- | -- | 110 |
| DEC. 24, 1982 | 51 | N/A | 13 | 1 | 1 | 7 | 19 | 15 | -- | 5 | 99 |
| DEC. 17, 1982 | 38 | N/A | 12 | 1 | 1 | 6 | 15 | 13 | 7 | 10 | 91 |
| **TOTAL U.S.** | 164 | 95 | 69 | 3 | 6 | 74 | 548 | 235 | 475 | 172 | 1,677 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| DEC. 31, 1982 | 215 | N/A | 61 | -- | -- | 81 | 622 | 223 | 85 | 10 | 1,236 |
| DEC. 24, 1982 | 210 | N/A | 63 | 8 | 10 | 74 | 491 | 231 | 58 | 92 | 1,174 |
| DEC. 17, 1982 | 219 | N/A | 63 | 8 | 12 | 111 | 520 | 218 | 40 | 104 | 1,232 |
| JAN. 8, 1982 | 144 | N/A | 68 | -- | -- | 226 | 996 | 292 | 89 | 26 | 1,783 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

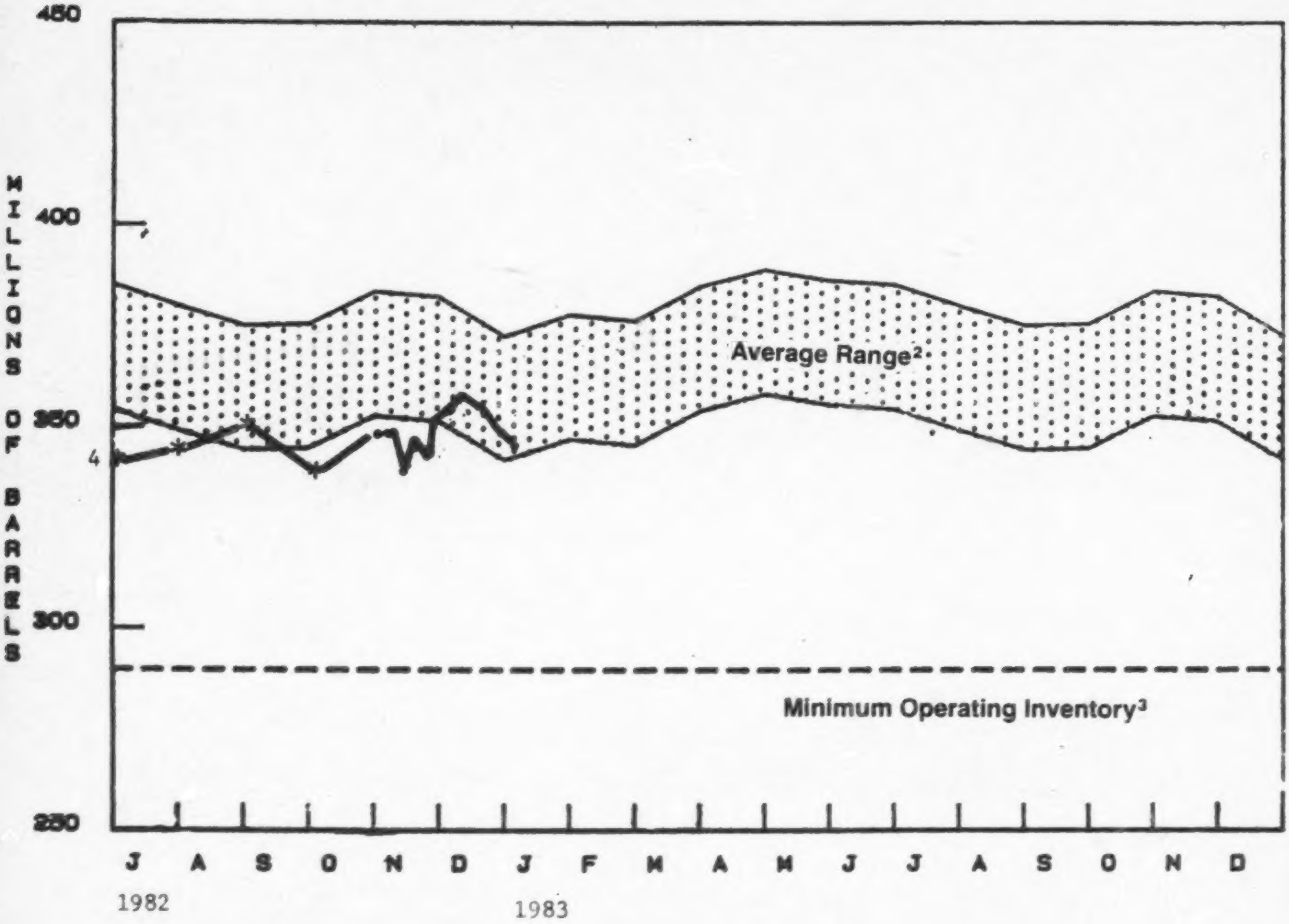
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 12/31/82 | PAGE 2 | DISTILLATE FUEL | TEXAS GULF COAST | 632 |
| | | | DISTRICT 3 TOTAL | 1,256 |
| | | | TOTAL U.S. | 2,671 |
| | | | DISTRICTS 1-4 | 2,342 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 67,799 |
| | | | TOTAL U.S. | 240,564 |
| | | | DISTRICTS 1-4 | 211,886 |

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

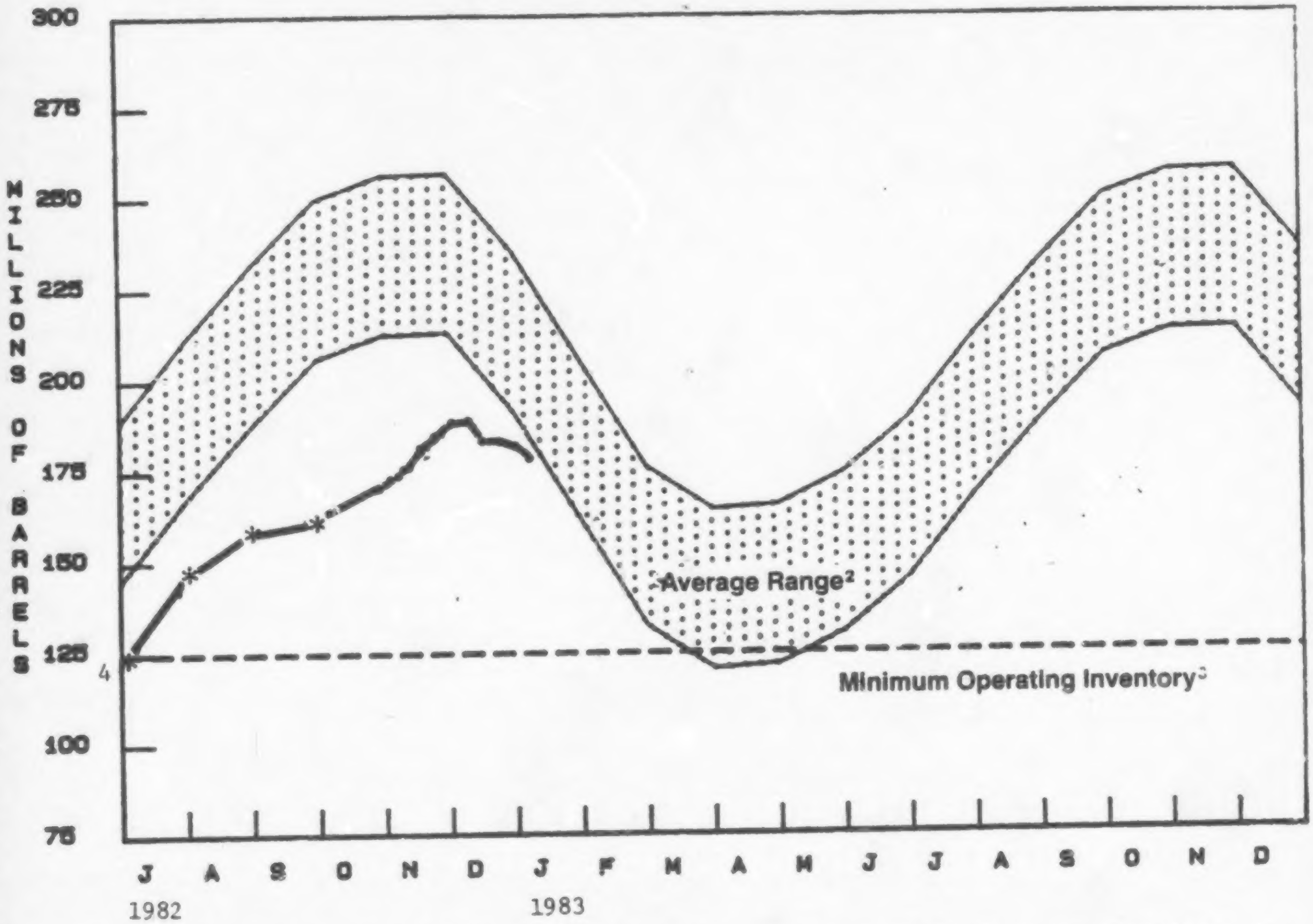
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

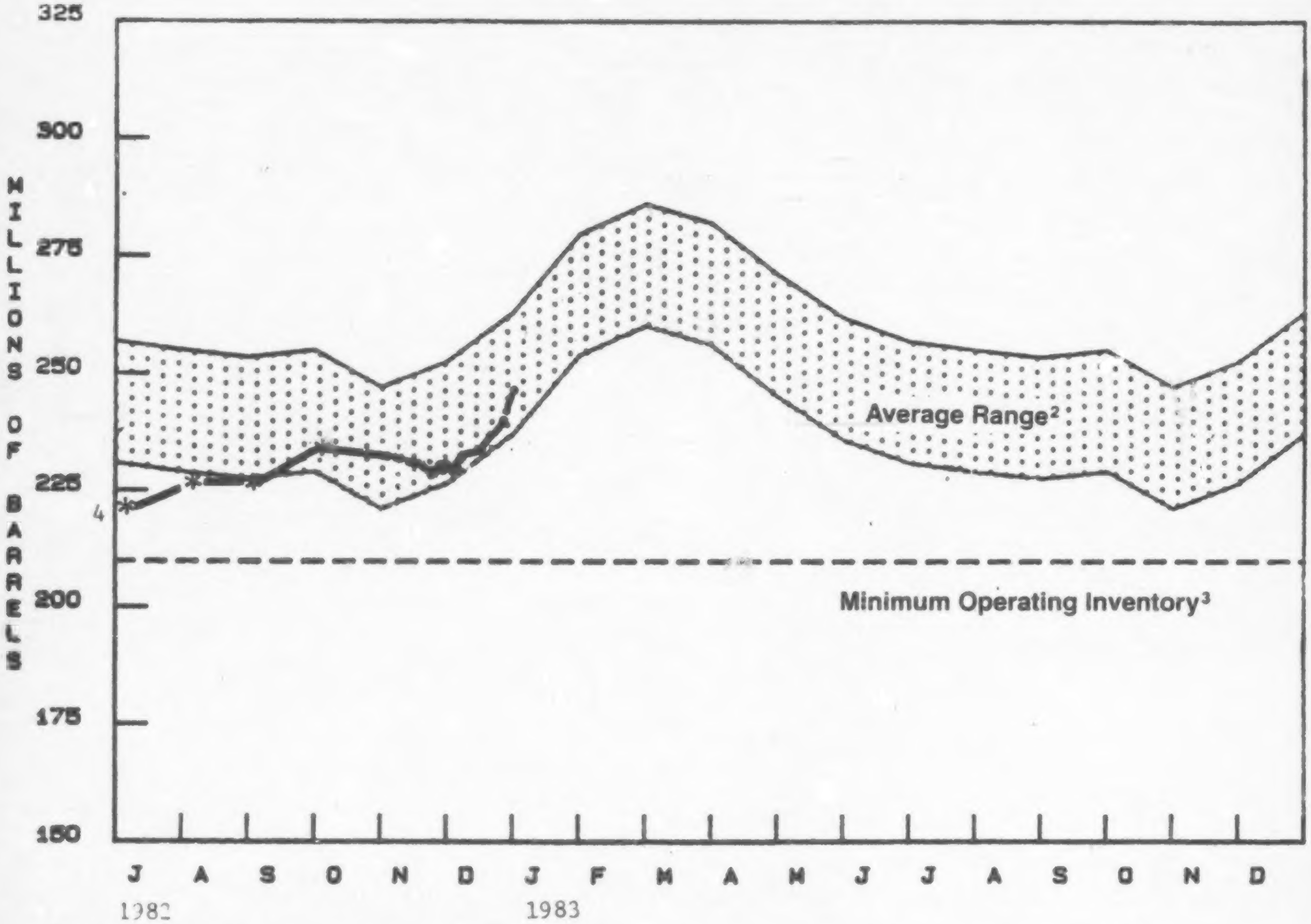
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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A2575-1 1/24/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 For Week Ended JANUARY 14, 1983 NO. 2

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 01/14/83 | Last Week Ending: 01/07/83 | Last Year Week Ending: 01/15/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units* | 11,660 | 12,056 | 11,924 | - 396 | - 264 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 69.3 | 71.7 | 66.9 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 6,170 | 6,329 | 6,072 | - 159 | + 98 |
| Finished leaded motor gasoline production | 2,773 | 3,072 | N/A | - 299 | N/A |
| Finished unleaded motor gasoline production | 3,397 | 3,257 | N/A | + 140 | N/A |
| Total motor gasoline stocks | 246,291 | 244,683 | 261,444 | + 1,608 | - 15,153 |
| Finished leaded motor gasoline stocks | 101,135 | 101,300 | N/A | - 165 | N/A |
| Finished unleaded motor gasoline stocks | 98,703 | 98,119 | 100,606 | + 584 | - 1,903 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,470 | 2,463 | 2,548 | + 7 | - 78 |
| Distillate fuel oil stocks | 177,583 | 180,313 | 181,998 | - 2,730 | - 4,415 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 1,055 | 1,149 | 1,233 | - 94 | - 178 |
| Residual fuel oil stocks | 65,200 | 66,944 | 80,746 | - 1,744 | - 15,546 |
| **Imports** | | | | | |
| Crude oil imports | 2,870 | 2,925 | 3,260 | - 55 | - 390 |
| Product imports | 1,561 | 1,677 | 1,678 | - 116 | - 117 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 355,183 | 344,967 | 375,712 | + 10,216 | - 20,529 |

* Scheduled and unscheduled shutdowns caused decreases of 149,000 bbl. per day in the Texas Gulf Coast District and 124,000 bbl. per day in the Louisiana Gulf Coast District.

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JANUARY* 14, 1983 **NO.** 2

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,161 | 1,055 | 1,094 | 1,569 | 69.7 |
| Appal. No. 1 | 81 | 77 | 78 | 98 | 79.6 |
| **DISTRICT 1 TOTAL** | 1,242 | 1,132 | 1,172 | 1,667 | 70.3 |
| Appal. No. 2 | 53 | 50 | 53 | 66 | 80.3 |
| Ind., Ill., Ky. | 1,966 | 1,800 | 1,843 | 2,399 | 76.8 |
| Minn., Wis., Daks. | 286 | 270 | 285 | 293 | 97.3 |
| Okla., Kans., Mo. | 739 | 650 | 659 | 858 | 76.8 |
| **DISTRICT 2 TOTAL** | 3,044 | 2,770 | 2,840 | 3,616 | 78.5 |
| Inland Texas | 485 | 430 | 486 | 592 | 82.1 |
| Texas Gulf Coast | 2,719 | 2,466● | 2,583 | 4,164● | 62.0● |
| La. Gulf Coast | 2,020 | 1,865 | 1,964 | 2,708● | 72.5● |
| N. La. and Ark. | 163 | 146 | 155 | 314 | 49.4 |
| New Mexico | 75 | 63 | 68 | 117 | 58.1 |
| **DISTRICT 3 TOTAL** | 5,462 | 4,970● | 5,256 | 7,895● | 66.6● |
| **DISTRICT 4 TOTAL** | 469 | 420 | 430 | 553 | 77.8 |
| **DISTRICT 5 TOTAL** | 2,088 | 1,951 | 1,962 | 3,083 | 63.6 |
| **TOTAL U.S.** | 12,305 | 11,243 | 11,660 | 16,814 | 69.3 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| *JAN.* 7, 1983 | 12,786 | 11,616● | 12,056 | 16,814● | 71.7● |
| *JAN.* 15, 1982 | 12,568 | 11,640 | 11,924 | 17,822 | 66.9 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| *JAN.* 14, 1983 | 10,217 | 9,292 | 9,698 | 13,731 | 70.6 |
| *JAN.* 7, 1983 | 10,673 | 9,613● | 10,004 | 13,731● | 72.9● |
| *JAN.* 15, 1982 | 10,478 | 9,612 | 9,819 | 14,698 | 66.8 |

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JANUARY 14, 1983*

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline: Finished Leaded | Motor Gasoline: Finished Unleaded | Jet Fuel: Naphtha Type | Jet Fuel: Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 576 | 200 | 376 | 50 | 31 | 294 | 121 |
| Appal. No. 1 | 32 | 17 | 15 | 1 | -- | 17 | 6 |
| **DISTRICT 1 TOTAL** | 608 | 217 | 391 | 51 | 31 | 311 | 127 |
| Appal. No. 2 | 41 | 20 | 21 | -- | 3 | 9 | 4 |
| Ind., Ill., Ky. | 1,214 | 535 | 679 | 17 | 126 | 356 | 83 |
| Minn., Wis., Daks. | 186 | 126 | 60 | 2 | 3 | 71 | 38 |
| Okla., Kans., Mo. | 415 | 229 | 186 | 6 | 19 | 185 | 16 |
| **DISTRICT 2 TOTAL** | 1,856 | 910 | 946 | 25 | 151 | 621 | 141 |
| Inland Texas | 245 | 122 | 123 | 22 | 19 | 99 | 24 |
| Texas Gulf Coast | 1,352● | 555● | 797 | 28 | 186 | 584 | 222● |
| La. Gulf Coast | 839 | 354 | 485 | 14 | 202● | 360 | 197 |
| N. La. and Ark. | 65 | 30 | 35 | 1 | -- | 42 | 18 |
| New Mexico | 32 | 20 | 12 | 9 | 1 | 24 | 7 |
| **DISTRICT 3 TOTAL** | 2,533● | 1,081● | 1,452 | 74 | 408● | 1,109 | 468● |
| **DISTRICT 4 TOTAL** | 245 | 152 | 93 | 9 | 22 | 111 | 10 |
| **DISTRICT 5 TOTAL** | 928 | 413 | 515 | 30 | 207 | 318 | 309 |
| **TOTAL U.S.** | 6,170 | 2,773 | 3,397 | 189 | 819 | 2,470 | 1,055 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *JAN. 7, 1983* | 6,329● | 3,072● | 3,257 | 184 | 802● | 2,463 | 1,149● |
| *JAN. 15, 1982* | 6,072 | *N/A* | *N/A* | 143 | 695 | 2,548 | 1,233 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *JAN. 14, 1983* | 5,242 | 2,360 | 2,882 | 159 | 612 | 2,152 | 746 |
| *JAN. 7, 1983* | 5,425● | 2,691● | 2,734 | 155 | 595● | 2,137 | 785● |
| *JAN. 15, 1982* | 5,177 | *N/A* | *N/A* | 111 | 470 | 2,238 | 903 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE 8*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JANUARY* 14, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
| New England | 6,109● | 2,858 | 3,251 | -- | 92 | 477 | 13,944 | 2,761 | -- |
| Central Atlantic | 32,694● | 13,559● | 14,653● | 4,482● | 638 | 3,815● | 44,407● | 26,395 | 13,075 |
| Lower Atlantic | 27,261● | 13,036● | 14,225● | -- | 136 | 3,841● | 18,506● | 5,718 | 429 |
| **DISTRICT 1 TOTAL** | 66,064● | 29,453● | 32,129● | 4,482● | 866 | 8,133● | 76,857● | 34,874 | 13,504 |
| **DISTRICT 2 TOTAL** | 73,379 | 33,500 | 29,085 | 10,794 | 1,411 | 7,315 | 50,388● | 5,758● | 17,334 |
| **DISTRICT 3 TOTAL** | 68,113● | 23,974● | 24,627● | 19,512 | 2,410 | 9,993● | 33,708● | 14,737● | 45,229 |
| **DISTRICT 4 TOTAL** | 9,171 | 4,045 | 2,281 | 2,845 | 339 | 725 | 4,105 | 506 | 2,794 |
| **DISTRICT 5 TOTAL** | 29,564 | 10,163 | 10,581 | 8,820 | 1,204 | 5,781 | 12,525 | 9,325 | 26,335 |
| **TOTAL U.S.** | 246,291 | 101,135 | 98,703 | 46,453 | 6,230 | 31,947 | 177,583 | 65,200 | 105,196 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *JAN.* 7, 1983 | 244,683● | 101,300● | 98,119● | 45,264● | 6,423 | 32,549● | 180,313● | 66,944● | 103,255 |
| *JAN.* 15, 1982 | 261,444 | *N/A* | 100,606 | *N/A* | 6,819 | 32,326 | 181,998 | 80,746 | 111,995 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *JAN.* 14, 1983 | 216,727 | 90,972 | 88,122 | 37,633 | 5,026 | 26,166 | 165,058 | 55,875 | 78,861 |
| *JAN.* 7, 1983 | 215,659● | 90,965● | 87,664● | 37,030● | 5,116 | 27,276● | 168,083● | 57,214● | 77,636 |
| *JAN.* 15, 1982 | 228,607 | *N/A* | 88,546 | *N/A* | 5,360 | 25,789 | 169,147 | 70,863 | 85,544 |

---

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 8
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(in thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *AUG 1982* | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JAN*. 14, 1983 | 5,815.1 | 5,813.0 | 2,759 | 182 | 271,294 |
| *JAN*. 7, 1983 | 5,824.1● | -- | 2,618 | 182 | 269,166● |
| *DEC*. 31, 1982 | 5,824.1● | -- | 2,942 | 162 | 267,368 |
| *DEC*. 24, 1982 | 5,824.1● | -- | 2,441 | 168 | 273,124 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JAN*. 14, 1983 | 2,846.0 | 2,807.0 | 111 | 8 | 83,889 * |
| *JAN*. 7, 1983 | 2,795.7● | -- | 307 | 20 | 75,801 |
| *DEC*. 31, 1982 | 2,795.7● | -- | 185 | -- | 81,116 |
| *DEC*. 24, 1982 | 2,795.7● | -- | 193 | 36 | 80,405 |
| **INCLUDES* 30,354 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* | | | | | |
| **TOTAL U.S.** | | | | | |
| *JAN*. 14, 1983 | 8,661.1 | 8,620.0 | 2,870 | 190 | 355,183 * |
| *JAN*. 7, 1983 | 8,619.8● | -- | 2,925 | 202 | 344,967● |
| *DEC*. 31, 1982 | 8,619.8● | -- | 3,127 | 162 | 348,484 |
| *DEC*. 24, 1982 | 8,619.8● | -- | 2,634 | 204 | 353,529 |
| *JAN*. 15, 1982 | 8,585.1● /A | -- | 3,260 | 182 | 375,712 |

*/A DOE ACTUAL FOR JANUARY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(in thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JAN*. 14, 1983 | 17,004 | 78,103 | 162,472 | 13,715 | 271,294 | 83,889 * | 355,183 * |
| *JAN*. 7, 1983 | 18,405 | 77,318 | 160,462● | 12,981 | 269,166● | 75,801 | 344,967● |
| *JAN*. 15, 1982 | 21,986 | 80,520 | 168,300 | 14,224 | 285,030 | 90,682 | 375,712 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

|  | Total Motor Gasoline[1] | Motor Gasoline |  | Jet Fuel |  | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type |  |  |  |  |  |  |
| New England | 31 | 31 | -- | -- | -- | -- | 112 | 3 | -- | 41 | 187 |
| Central Atlantic | 118 | 66 | 52 | 3 | 5 | -- | 289 | 3 | 25 | 120 | 563 |
| Lower Atlantic | -- | -- | -- | -- | -- | 95 | 108 | -- | -- | -- | 203 |
| **DISTRICT 1 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| *JAN*. 14, 1983 | 149 | 97 | 52 | 3 | 5 | 95 | 509 | 6 | 25 | 161 | 953 |
| *JAN*. 7, 1983 | 124 | 71 | 53 | 3 | 5 | 66 | 473 | 5 | 97 | 66 | 839 |
| *DEC*. 31, 1982 | 160 | *N/A* | 49 | -- | -- | 74 | 448 | 9 | 9 | 2 | 702 |
| *DEC*. 24, 1982 | 149 | *N/A* | 50 | 7 | 9 | 66 | 403 | 11 | 4 | 27 | 676 |
| **DISTRICTS 2–4 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| *JAN*. 14, 1983 | 5 | 4 | 1 | -- | -- | 30 | 163 | 240 | 77 | 5 | 520 |
| *JAN*. 7, 1983 | 4 | 1 | 3 | -- | -- | 1 | 56 | 215 | 369 | 98 | 743 |
| *DEC*. 31, 1982 | 20 | *N/A* | -- | -- | -- | -- | 120 | 200 | 76 | 8 | 424 |
| *DEC*. 24, 1982 | 10 | *N/A* | -- | -- | -- | 1 | 69 | 205 | 54 | 60 | 399 |
| **DISTRICT 5 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| *JAN*. 14, 1983 | 38 | 28 | 10 | -- | 1 | 6 | 19 | 14 | 4 | 6 | 88 |
| *JAN*. 7, 1983 | 36 | 23 | 13 | -- | 1 | 7 | 19 | 15 | 9 | 8 | 95 |
| *DEC*. 31, 1982 | 35 | *N/A* | 12 | -- | -- | 7 | 54 | 14 | -- | -- | 110 |
| *DEC*. 24, 1982 | 51 | *N/A* | 13 | 1 | 1 | 7 | 19 | 15 | -- | 5 | 99 |
| **TOTAL U.S.** | 192 | 129 | 63 | 3 | 6 | 131 | 691 | 260 | 106 | 172 | 1,561 |
| **TOTAL U.S.**<br>**Weeks Ended:** |  |  |  |  |  |  |  |  |  |  |  |
| *JAN*. 7, 1983 | 164 | 95 | 69 | 3 | 6 | 74 | 548 | 235 | 475 | 172 | 1,677 |
| *DEC*. 31, 1982 | 215 | *N/A* | 61 | -- | -- | 81 | 622 | 223 | 85 | 10 | 1,236 |
| *DEC*. 24, 1982 | 210 | *N/A* | 63 | 8 | 10 | 74 | 491 | 231 | 58 | 92 | 1,174 |
| *JAN*. 15, 1982 | 85 | *N/A* | 44 | -- | -- | 200 | 948 | 336 | 73 | 21 | 1,678 |

---

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:
New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | December 1982 | November 1982 | Aug. 1982 |
| Florida | 67.0 | 68.0 | 67.0 |
| New York-Pennsylvania | 12.0 | 10.5 | 12.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 8.0 | 10.0 |
| Illinois | 83.5 | 83.5 | 81.0 |
| Indiana | 13.0 | 13.0 | 13.0 |
| Kansas | 200.0 | 200.0 | 192.0 |
| Kentucky | 18.4 | 18.4 | 18.0 |
| Michigan | 88.0 | 88.0 | 83.0 |
| Missouri-Tennessee | 4.0 | 3.5 | 4.0 |
| Nebraska | 19.0 | 19.0 | 19.0 |
| Ohio | 37.0 | 37.0 | 37.0 |
| Oklahoma | 427.0 | 429.0 | 422.0 |
| North Dakota | 134.0 | 132.5 | 133.0 |
| South Dakota | 3.2 | 3.2 | 3.0 |
| Alabama | 52.0 | 53.0 | 54.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 90.0 | 91.0 | 91.0 |
| New Mexico-So. East | 182.0 | 176.5 | 176.0 |
| New Mexico-Other | 18.0 | 18.5 | 16.0 |
| North Louisiana | 98.0 | 98.0 | 97.0 |
| South Louisiana | 1,173.0 | 1,172.5 | 1,174.0 |
| Total Louisiana | 1,271.0 | 1,270.5 | 1,271.0 |
| Texas | | | |
| District 1 | 69.0 | 71.0 | 71.0 |
| District 2 | 106.0 | 108.0 | 110.0 |
| District 3 | 362.0 | 365.0 | 347.0 |
| District 4 | 76.0 | 77.0 | 76.0 |
| District 5 | 20.0 | 21.0 | 22.0 |
| District 6, East Texas Field | 142.0 | 143.0 | 143.0 |
| Other | 112.0 | 114.0 | 114.0 |
| District 7-B | 86.0 | 89.0 | 90.0 |
| District 7-C | 87.0 | 89.0 | 91.0 |
| District 8 and 8-A | 1,273.0 | 1,278.0 | 1,274.0 |
| District 9 | 99.0 | 102.0 | 103.0 |
| District 10 | 55.0 | 57.0 | 56.0 |
| Total Texas | 2,487.0 | 2,514.0 | 2,497.0 |
| Colorado | 82.0 | 83.0 | 84.0 |
| Montana | 84.0 | 86.4 | 86.0 |
| Utah | 63.0 | 65.0 | 63.0 |
| Wyoming | 329.0 | 329.0 | 329.0 |
| Total Dists. 1-4 | 5,824.1 | 5,852.5 | 5,813.0 |
| Alaska | 1,677.2 | 1,668.1 | 1,697.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,115.5 | 1,114.0 | 1,107.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,795.7 | 2,785.1 | 2,807.0 |
| Total U.S. | 8,619.8 | 8,637.6 | 8,620.0 |

## REVISIONS

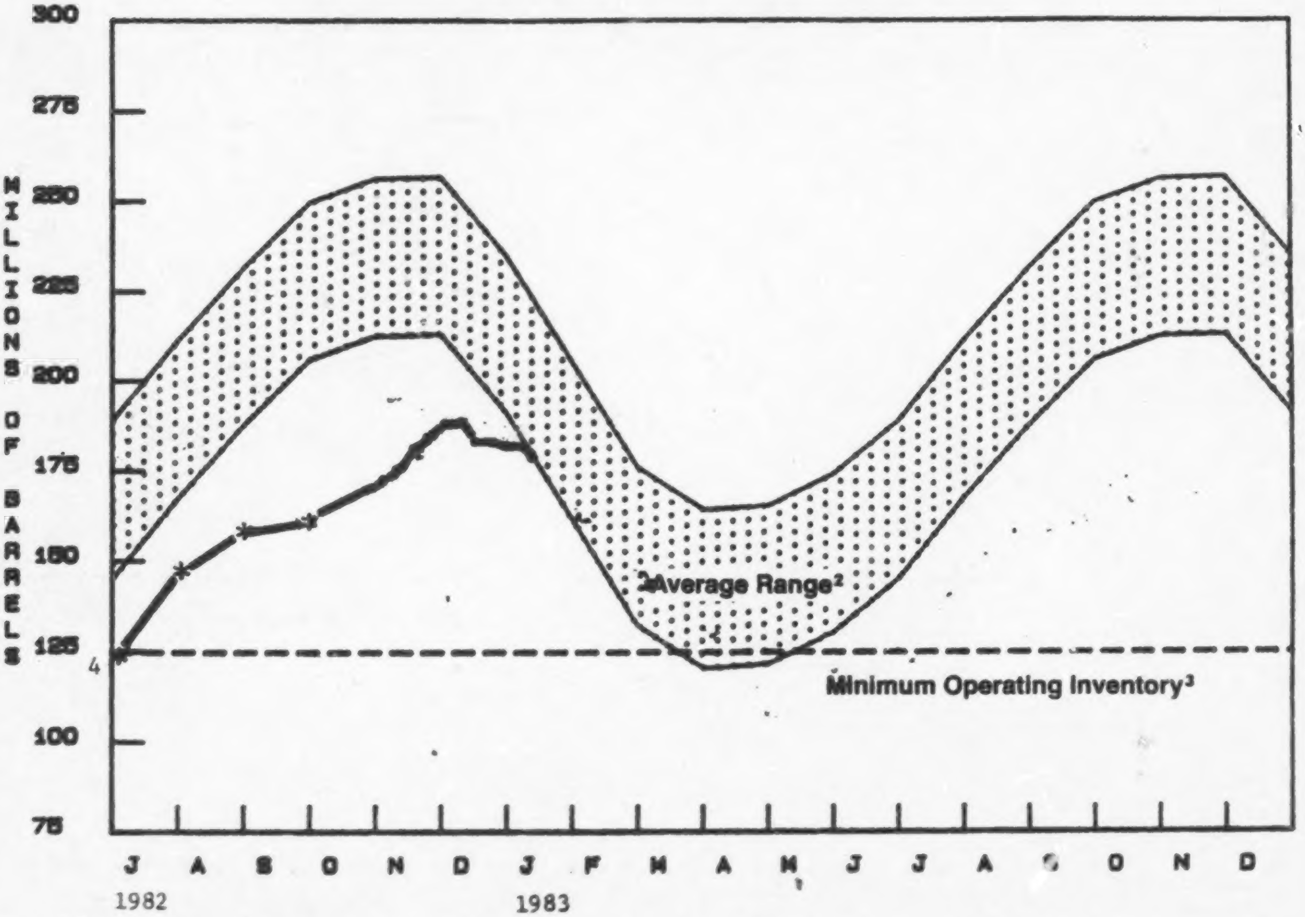
| | | | | |
|---|---|---|---|---|
| 1/07/83 | PAGE 1 | CRUDE OIL RUNS | TEXAS GULF COAST | 2,642 |
| | | | DISTRICT 3 TOTAL | 5,278 |
| | | | TOTAL U.S. | 11,616 |
| | | | DISTRICTS 1-4 | 9,613 |
| | | OPERABLE CAPACITY | TEXAS GULF COAST | 4,164 |
| | | | LA. GULF COAST | 2,708 |
| | | | DISTRICT 3 TOTAL | 7,895 |
| | | | TOTAL U.S. | 16,814 |
| | | | DISTRICTS 1-4 | 13,731 |
| | | o/o OPERATED | TEXAS GULF COAST | 65.6 |
| | | | LA. GULF COAST | 77.1 |
| | | | DISTRICT 3 TOTAL | 70.1 |
| | | | TOTAL U.S. | 71.7 |
| | | | DISTRICTS 1-4 | 72.9 |
| | PAGE 2 | TOTAL MGAS | TEXAS GULF COAST | 1,433 |
| | | | DISTRICT 3 TOTAL | 2,686 |
| | | | TOTAL U.S. | 6,329 |
| | | | DISTRICTS 1-4 | 5,425 |
| | | LEADED MGAS | TEXAS GULF COAST | 666 |
| | | | DISTRICT 3 TOTAL | 1,297 |
| | | | TOTAL U.S. | 3,072 |
| | | | DISTRICTS 1-4 | 2,691 |
| | | KEROSINE JET | LA. GULF COAST | 208 |
| | | | DISTRICT 3 TOTAL | 401 |
| | | | TOTAL U.S. | 802 |
| | | | DISTRICTS 1-4 | 595 |
| | | RESIDUAL FUEL | TEXAS GULF COAST | 192 |
| | | | DISTRICT 3 TOTAL | 412 |
| | | | TOTAL U.S. | 1,149 |
| | | | DISTRICTS 1-4 | 785 |
| | PAGE 3 | TOTAL MGAS | NEW ENGLAND | 6,556 |
| | | | CENTRAL ATLANTIC | 32,059 |
| | | | LOWER ATLANTIC | 27,756 |
| | | | DISTRICT 1 TOTAL | 66,371 |
| | | | DISTRICT 3 TOTAL | 69,166 |
| | | | TOTAL U.S. | 244,683 |
| | | | DISTRICTS 1-4 | 215,659 |
| | | LEADED MGAS | CENTRAL ATLANTIC | 13,121 |

*API STATISTICAL BULLETIN*
*WEEK ENDED: JAN. 14, 1983*
*PAGE 8A*

## *REVISIONS*

| | | | |
|---|---|---|---|
| | | *LOWER ATLANTIC* | 13,052 |
| | | *DISTRICT 1 TOTAL* | 29,406 |
| | | *DISTRICT 3 TOTAL* | 24,590 |
| | | *TOTAL U.S.* | 101,300 |
| | | *DISTRICTS 1-4* | 90,965 |
| | *UNLEADED MGAS* | *CENTRAL ATLANTIC* | 13,824 |
| | | *LOWER ATLANTIC* | 14,704 |
| | | *DISTRICT 1 TOTAL* | 31,851 |
| | | *DISTRICT 3 TOTAL* | 25,146 |
| | | *TOTAL U.S.* | 98,119 |
| | | *DISTRICTS 1-4* | 87,664 |
| | *BLENDING COMPS* | *CENTRAL ATLANTIC* | 5,114 |
| | | *DISTRICT 1 TOTAL* | 5,114 |
| | | *TOTAL U.S.* | 45,264 |
| | | *DISTRICTS 1-4* | 37,030 |
| | *KEROSINE JET* | *CENTRAL ATLANTIC* | 4,850 |
| | | *LOWER ATLANTIC* | 4,158 |
| | | *DISTRICT 1 TOTAL* | 9,726 |
| | | *DISTRICT 3 TOTAL* | 9,789 |
| | | *TOTAL U.S.* | 32,549 |
| | | *DISTRICTS 1-4* | 27,276 |
| | *DISTILLATE FUEL* | *CENTRAL ATLANTIC* | 46,393 |
| | | *LOWER ATLANTIC* | 16,746 |
| | | *DISTRICT 1 TOTAL* | 78,277 |
| | | *DISTRICT 2 TOTAL* | 50,693 |
| | | *DISTRICT 3 TOTAL* | 35,252 |
| | | *TOTAL U.S.* | 180,313 |
| | | *DISTRICTS 1-4* | 168,083 |
| | *RESIDUAL FUEL* | *DISTRICT 2 TOTAL* | 5,701 |
| | | *DISTRICT 3 TOTAL* | 15,446 |
| | | *TOTAL U.S.* | 66,944 |
| | | *DISTRICTS 1-4* | 57,214 |
| *PAGE 4 TOP* | *CRUDE OIL STOCKS* | *DISTRICTS 1-4 TOTAL* | 269,166 |
| | | *TOTAL U.S.* | 344,967 |
| *PAGE 4 BOTTOM* | *TOTAL* | *PAD DISTRICT 3* | 160,462 |
| | *TOTAL* | *TOTAL PAD DISTRICTS 1-4* | 269,166 |
| | *TOTAL* | *TOTAL U.S.* | 344,967 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

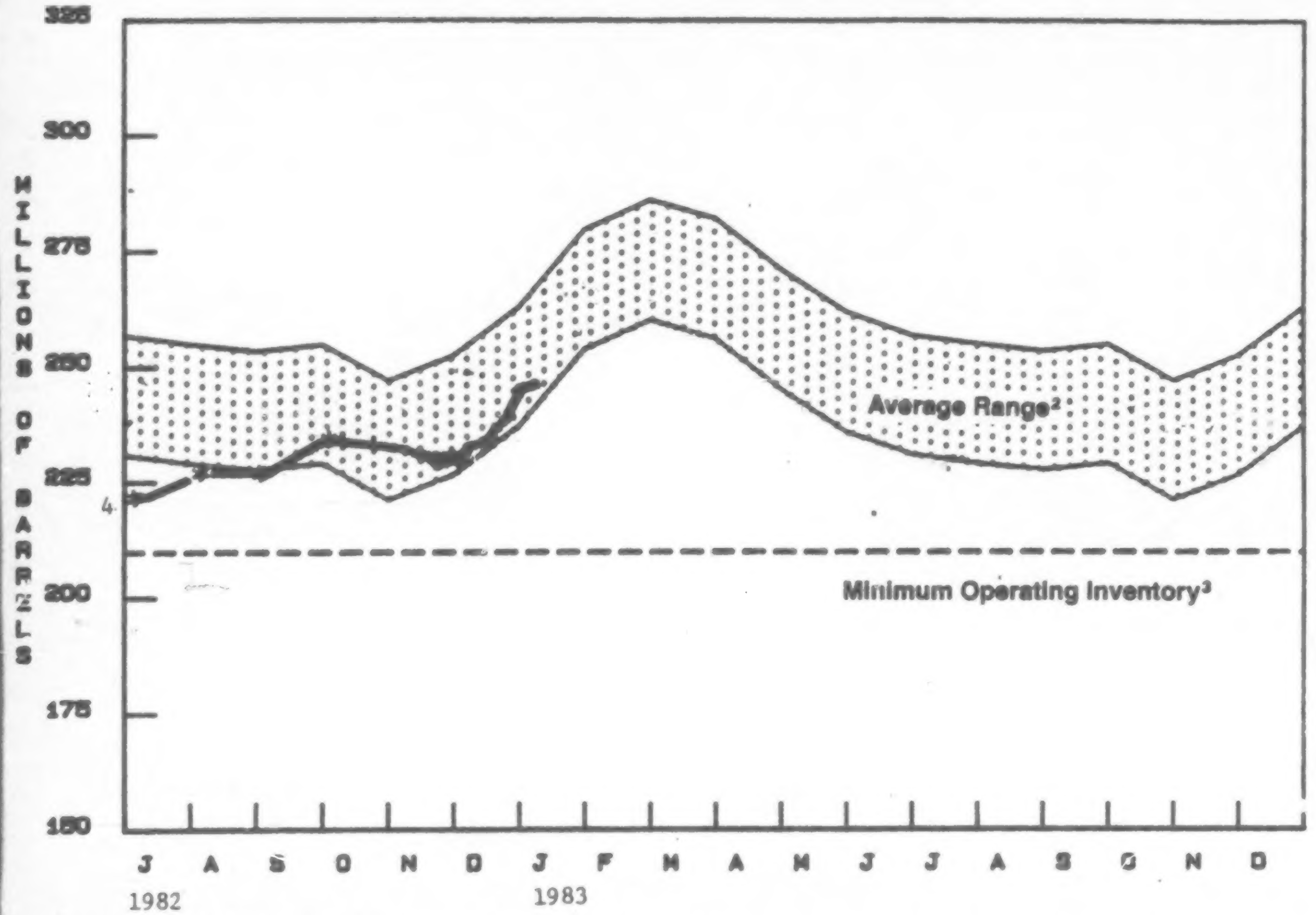
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended JANUARY 14, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

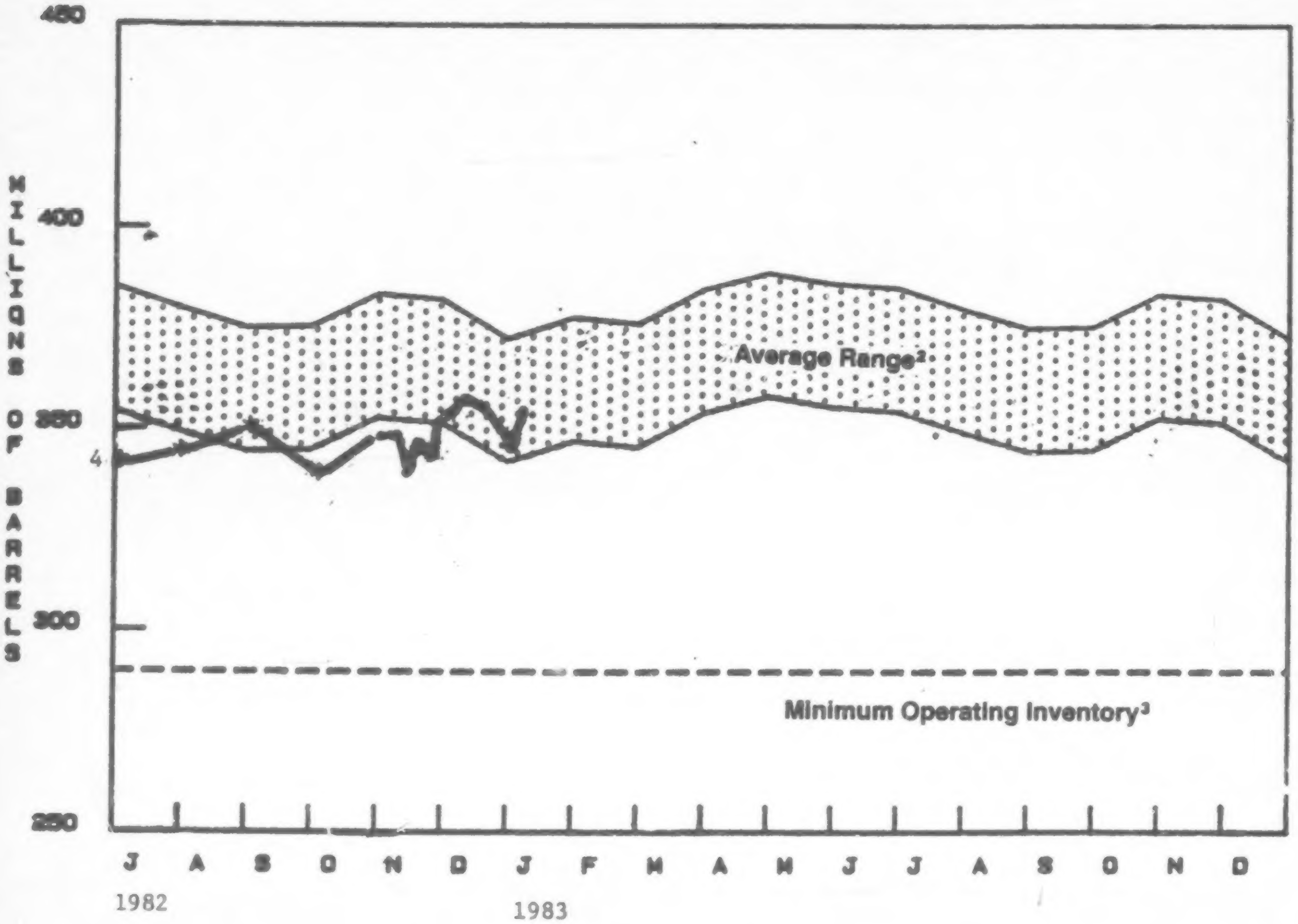
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended JANUARY 14, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 3/14/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 64 **For Week Ended** *JANUARY* 21, 1983 **NO.** 3

---

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 01/21/83 | Last Week Ending: 01/14/83 | Last Year Week Ending: 01/22/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,415 | 11,660 | 11,743 | - 245 | - 328 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 67.9 | 69.3 | 65.9 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,040 | 6,170 | 5,932 | - 130 | + 108 |
| Finished leaded motor gasoline production | 2,531 | 2,773 | *N/A* | - 242 | *N/A* |
| Finished unleaded motor gasoline production | 3,509 | 3,397 | *N/A* | + 112 | *N/A* |
| Total motor gasoline stocks | 245,756 | 246,291 | 257,449 | - 535 | - 11,693 |
| Finished leaded motor gasoline stocks | 99,830 | 101,135 | *N/A* | - 1,305 | *N/A* |
| Finished unleaded motor gasoline stocks | 99,724 | 98,703 | 99,805 | + 1,021 | - 81 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,338 | 2,470 | 2,479 | - 132 | - 141 |
| Distillate fuel oil stocks | 172,486 | 177,583 | 174,633 | - 5,097 | - 2,147 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 981 | 1,055 | 1,271 | - 74 | - 290 |
| Residual fuel oil stocks | 65,134 | 65,200 | 79,020 | - 66 | - 13,886 |
| Imports | | | | | |
| Crude oil imports | 3,042 | 2,870 | 3,788 | + 172 | - 746 |
| Product imports | 1,465 | 1,561 | 1,682 | - 96 | - 217 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 356,547 | 356,747 | 371,333 | - 200 | - 14,786 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JANUARY* 21, 1983 **NO.** 3

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,232 | 977 | 1,017 | 1,569 | 64.8 |
| Appal. No. 1 | 71 | 69 | 69 | 98 | 70.4 |
| **DISTRICT 1 TOTAL** | 1,303 | 1,046 | 1,086 | 1,667 | 65.1 |
| Appal. No. 2 | 53 | 50 | 53 | 66 | 80.3 |
| Ind., Ill., Ky. | 2,030 | 1,697 | 1,860 | 2,399 | 77.5 |
| Minn., Wis., Daks. | 241 | 224 | 239 | 293 | 81.6 |
| Okla., Kans., Mo. | 746 | 651 | 659 | 858 | 76.8 |
| **DISTRICT 2 TOTAL** | 3,070 | 2,622 | 2,811 | 3,616 | 77.7 |
| Inland Texas | 502 | 436 | 463 | 592 | 78.2 |
| Texas Gulf Coast | 2,743 | 2,492 | 2,545 | 4,164 | 61.1 |
| La. Gulf Coast | 1,948 | 1,840 | 1,902 | 2,708 | 70.2 |
| N. La. and Ark. | 170 | 142 | 151 | 314 | 48.1 |
| New Mexico | 79 | 69 | 75 | 117 | 64.1 |
| **DISTRICT 3 TOTAL** | 5,442 | 4,979 | 5,136 | 7,895 | 65.1 |
| **DISTRICT 4 TOTAL** | 434 | 397 | 400 | 553 | 72.3 |
| **DISTRICT 5 TOTAL** | 2,074 | 1,969 | 1,982 | 3,083 | 64.3 |
| **TOTAL U.S.** | 12,323 | 11,013 | 11,415 | 16,814 | 67.9 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *JAN*. 14, 1983 | 12,305 | 11,243 | 11,660 | 16,814 | 69.3 |
| *JAN*. 22, 1982 | 12,702 | 11,487 | 11,743 | 17,822 | 65.9 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *JAN*. 21, 1983 | 10,249 | 9,044 | 9,433 | 13,731 | 68.7 |
| *JAN*. 14, 1983 | 10,217 | 9,292 | 9,698 | 13,731 | 70.6 |
| *JAN*. 22, 1982 | 10,547 | 9,408 | 9,610 | 14,698 | 65.4 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JANUARY 21, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline |  | Jet Fuel |  | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
|  |  | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type |  |  |
| East Coast | 566 | 241 | 325 | -- | 28 | 250 | 125 |
| Appal. No. 1 | 30 | 18 | 12 | 1 | -- | 17 | 5 |
| **DISTRICT 1 TOTAL** | 596 | 259 | 337 | 1 | 28 | 267 | 130 |
| Appal. No. 2 | 38 | 15 | 23 | -- | 4 | 9 | 3 |
| Ind., Ill., Ky. | 1,168 | 485 | 683 | 19 | 109 | 358 | 60 |
| Minn., Wis., Daks. | 176 | 98 | 78 | 4 | 3 | 52 | 5 |
| Okla., Kans., Mo. | 419 | 233 | 186 | 8 | 12 | 176 | 18 |
| **DISTRICT 2 TOTAL** | 1,801 | 831 | 970 | 31 | 128 | 595 | 86 |
| Inland Texas | 238 | 115 | 123 | 24 | 24 | 94 | 25 |
| Texas Gulf Coast | 1,230 | 356 | 874 | 22 | 186 | 566 | 224 |
| La. Gulf Coast | 897 | 379 | 518 | 16 | 195 | 343 | 167 |
| N. La. and Ark. | 57 | 35 | 22 | 5 | -- | 42 | 13 |
| New Mexico | 28 | 13 | 15 | 11 | 1 | 24 | 3 |
| **DISTRICT 3 TOTAL** | 2,450 | 898 | 1,552 | 78 | 406 | 1,069 | 432 |
| **DISTRICT 4 TOTAL** | 218 | 127 | 91 | 12 | 16 | 101 | 19 |
| **DISTRICT 5 TOTAL** | 975 | 416 | 559 | 33 | 223 | 306 | 314 |
| **TOTAL U.S.** | 6,040 | 2,531 | 3,509 | 155 | 801 | 2,338 | 981 |
| **TOTAL U.S.**<br>**Weeks Ended:** |  |  |  |  |  |  |  |
| JAN. 14, 1983 | 6,170 | 2,773 | 3,397 | 189 | 819 | 2,470 | 1,055 |
| JAN. 22, 1982 | 5,932 | N/A | N/A | 145 | 700 | 2,479 | 1,271 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** |  |  |  |  |  |  |  |
| JAN. 21, 1983 | 5,065 | 2,115 | 2,950 | 122 | 578 | 2,032 | 667 |
| JAN. 14, 1983 | 5,242 | 2,360 | 2,882 | 159 | 612 | 2,152 | 746 |
| JAN. 22, 1982 | 5,052 | N/A | N/A | 109 | 522 | 2,118 | 886 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 6,653● | 3,445● | 3,208● | -- | 108 | 623● | 13,825● | 2,636● | -- |
| Central Atlantic | 33,057 | 12,746 | 14,451 | 5,860 | 381 | 3,751 | 43,843 | 25,431 | 12,757 |
| Lower Atlantic | 26,976● | 12,623● | 14,353● | -- | 77 | 4,490● | 16,084● | 5,774● | 446 |
| **DISTRICT 1 TOTAL** | 66,686 | 28,814 | 32,012 | 5,860 | 566 | 8,864 | 73,752 | 33,841 | 13,203 |
| **DISTRICT 2 TOTAL** | 73,234 | 34,144 | 29,848 | 9,242 | 1,375 | 7,399 | 49,625 | 5,639 | 17,099 |
| **DISTRICT 3 TOTAL** | 67,298 | 22,401 | 24,908 | 19,989 | 2,423 | 10,084 | 32,720 | 15,519 | 47,247 |
| **DISTRICT 4 TOTAL** | 9,074 | 4,520 | 2,348 | 2,206 | 352 | 647 | 4,120 | 569 | 2,485 |
| **DISTRICT 5 TOTAL** | 29,464 | 9,951 | 10,608 | 8,905 | 1,144 | 5,634 | 12,269 | 9,566 | 26,121 |
| **TOTAL U.S.** | 245,756 | 99,830 | 99,724 | 46,202 | 5,860 | 32,628 | 172,486 | 65,134 | 106,155 |
| **TOTAL U.S.** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *JAN.* 14, 1983 | 246,291 | 101,135 | 98,703 | 46,453 | 6,230 | 31,947 | 177,583 | 65,200 | 105,196 |
| *JAN.* 22, 1982 | 257,449 | *N/A* | 99,805 | *N/A* | 6,722 | 30,810 | 174,633 | 79,020 | 114,278 |
| **DISTRICTS 1–4** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *JAN.* 21, 1983 | 216,292 | 89,879 | 89,116 | 37,297 | 4,716 | 26,994 | 160,217 | 55,568 | 80,034 |
| *JAN.* 14, 1983 | 216,727 | 90,972 | 88,122 | 37,633 | 5,026 | 26,166 | 165,058 | 55,875 | 78,861 |
| *JAN.* 22, 1982 | 225,174 | *N/A* | 87,529 | *N/A* | 5,312 | 24,584 | 161,359 | 68,686 | 87,820 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

|  | Estimated Domestic Production[1] |  | Crude Oil Imports[1] |  |  |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy AUG. 1982 | Total | From Canada | Crude Oil Stocks By Location[1] |
|  | Daily Average |  |  |  |  |
| **DISTRICTS 1-4 TOTAL** |  |  |  |  |  |
| JAN. 21, 1983 | 5,815.1 | 5,813.0 | 2,873 | 202 | 273,208 |
| JAN. 14, 1983 | 5,815.1 | -- | 2,759 | 182 | 271,294 |
| JAN. 7, 1983 | 5,824.1 | -- | 2,618 | 182 | 269,166 |
| DEC. 31, 1982 | 5,824.1 | -- | 2,942 | 162 | 267,368 |
| **DISTRICT 5 TOTAL** |  |  |  |  |  |
| JAN. 21, 1983 | 2,846.0 | 2,807.0 | 169 | -- | 83,339 * |
| JAN. 14, 1983 | 2,846.0 | -- | 111 | 8 | 85,453● |
| JAN. 7, 1983 | 2,795.7 | -- | 307 | 20 | 75,801 |
| DEC. 31, 1982 | 2,795.7 | -- | 185 | -- | 81,116 |
| *INCLUDES 29,793 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. |  |  |  |  |  |
| **TOTAL U.S.** |  |  |  |  |  |
| JAN. 21, 1983 | 8,661.1 | 8,620.0 | 3,042 | 202 | 356,547 * |
| JAN. 14, 1983 | 8,661.1 | -- | 2,870 | 190 | 356,747● |
| JAN. 7, 1983 | 8,619.8 | -- | 2,925 | 202 | 344,967 |
| DEC. 31, 1982 | 8,619.8 | -- | 3,127 | 162 | 348,484 |
| JAN. 22, 1982 | 8,585.1/A | -- | 3,788 | 194 | 371,333 |

/A DOE ACTUAL FOR JANUARY 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** |  |  |  |  |  |  |  |
| JAN. 21, 1983 | 18,327 | 79,259 | 161,463 | 14,159 | 273,208 | 83,339 * | 356,547 * |
| JAN. 14, 1983 | 17,004 | 78,103 | 162,472 | 13,715 | 271,294 | 85,453● | 356,747● |
| JAN. 22, 1982 | 19,519 | 81,260 | 163,446 | 14,332 | 278,557 | 92,776 | 371,333 |

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[1] See definitional notes, Page 6.

● SEE REVISIONS ON PAGE 7

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

|  | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | -- | -- | 2 | -- | -- | 2 |
| Central Atlantic | 110 | 60 | 50 | 5 | 38 | 127 | -- | 3 | 84 | 150 | 517 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 412 | -- | -- | -- | 412 |
| **DISTRICT 1 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| *JAN.* 21, 1983 | 110 | 60 | 50 | 5 | 38 | 127 | 412 | 5 | 84 | 150 | 931 |
| *JAN.* 14, 1983 | 149 | 97 | 52 | 3 | 5 | 95 | 509 | 6 | 25 | 161 | 953 |
| *JAN.* 7, 1983 | 124 | 71 | 53 | 3 | 5 | 66 | 473 | 5 | 97 | 66 | 839 |
| *DEC.* 31, 1982 | 160 | *N/A* | 49 | -- | -- | 74 | 448 | 9 | 9 | 2 | 702 |
| **DISTRICTS 2–4 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| *JAN.* 21, 1983 | -- | -- | -- | -- | -- | -- | 106 | 258 | 54 | 24 | 442 |
| *JAN.* 14, 1983 | 5 | 4 | 1 | -- | -- | 30 | 163 | 240 | 77 | 5 | 520 |
| *JAN.* 7, 1983 | 4 | 1 | 3 | -- | -- | 1 | 56 | 215 | 369 | 98 | 743 |
| *DEC.* 31, 1982 | 20 | *N/A* | -- | -- | -- | -- | 120 | 200 | 76 | 8 | 424 |
| **DISTRICT 5 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| *JAN.* 21, 1983 | 38 | 24 | 14 | -- | 1 | 7 | 21 | 14 | 4 | 7 | 92 |
| *JAN.* 14, 1983 | 38 | 28 | 10 | -- | 1 | 6 | 19 | 14 | 4 | 6 | 88 |
| *JAN.* 7, 1983 | 36 | 23 | 13 | -- | 1 | 7 | 19 | 15 | 9 | 8 | 95 |
| *DEC.* 31, 1982 | 35 | *N/A* | 12 | -- | -- | 7 | 54 | 14 | -- | -- | 110 |
| **TOTAL U.S.** | 148 | 84 | 64 | 5 | 39 | 134 | 539 | 277 | 142 | 181 | 1,465 |
| **TOTAL U.S. Weeks Ended:** |  |  |  |  |  |  |  |  |  |  |  |
| *JAN.* 14, 1983 | 192 | 129 | 63 | 3 | 6 | 131 | 691 | 260 | 106 | 172 | 1,561 |
| *JAN.* 7, 1983 | 164 | 95 | 69 | 3 | 6 | 74 | 548 | 235 | 475 | 172 | 1,677 |
| *DEC.* 31, 1982 | 215 | *N/A* | 61 | -- | -- | 81 | 622 | 223 | 85 | 10 | 1,236 |
| *JAN.* 22, 1982 | 85 | *N/A* | 44 | -- | -- | 188 | 967 | 314 | 97 | 18 | 1,682 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

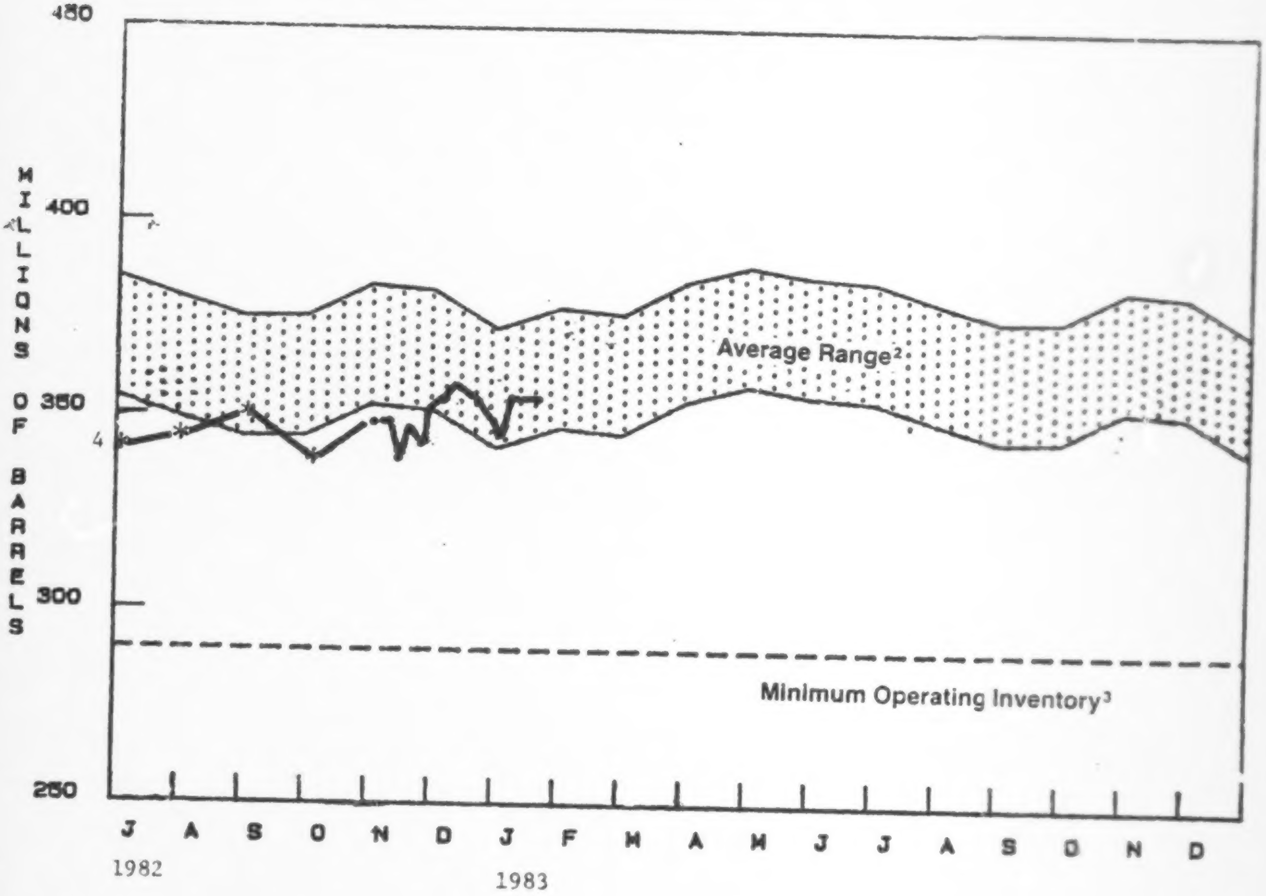
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 1/14/83 | PAGE 3 | TOTAL MGAS | NEW ENGLAND | 6,387 |
| | | | LOWER ATLANTIC | 26,983 |
| | | LEADED MGAS | NEW ENGLAND | 3,015 |
| | | | LOWER ATLANTIC | 12,879 |
| | | UNLEADED MGAS | NEW ENGLAND | 3,372 |
| | | | LOWER ATLANTIC | 14,104 |
| | | KEROSINE JET | NEW ENGLAND | 501 |
| | | | LOWER ATLANTIC | 3,817 |
| | | DISTILLATE FUEL | NEW ENGLAND | 15,134 |
| | | | LOWER ATLANTIC | 17,316 |
| | | RESIDUAL FUEL | NEW ENGLAND | 2,952 |
| | | | LOWER ATLANTIC | 5,527 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICT 5 TOTAL | 85,453 |
| | | | TOTAL U.S. | 356,747 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 5 | 85,453 |
| | | TOTAL | TOTAL U.S. | 356,747 |

Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

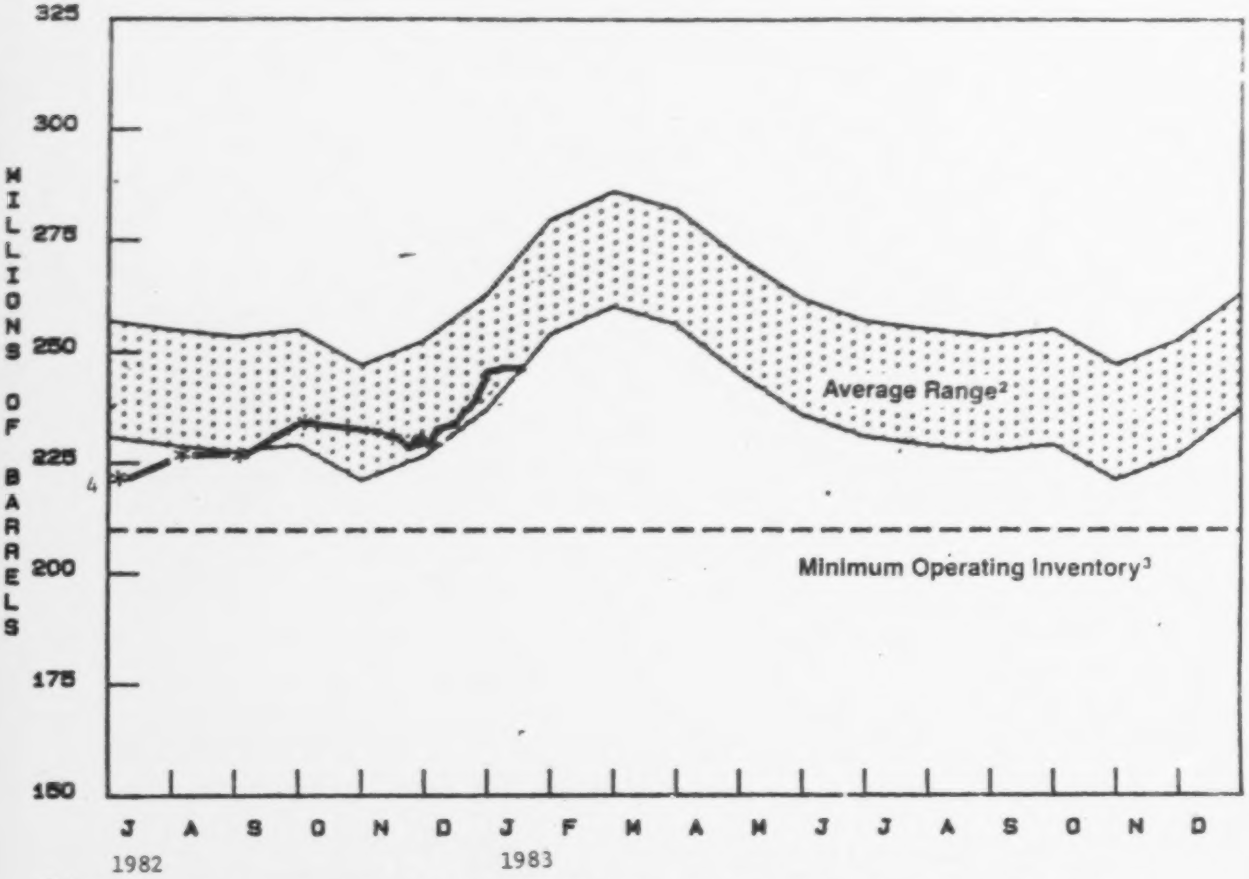
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical_Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

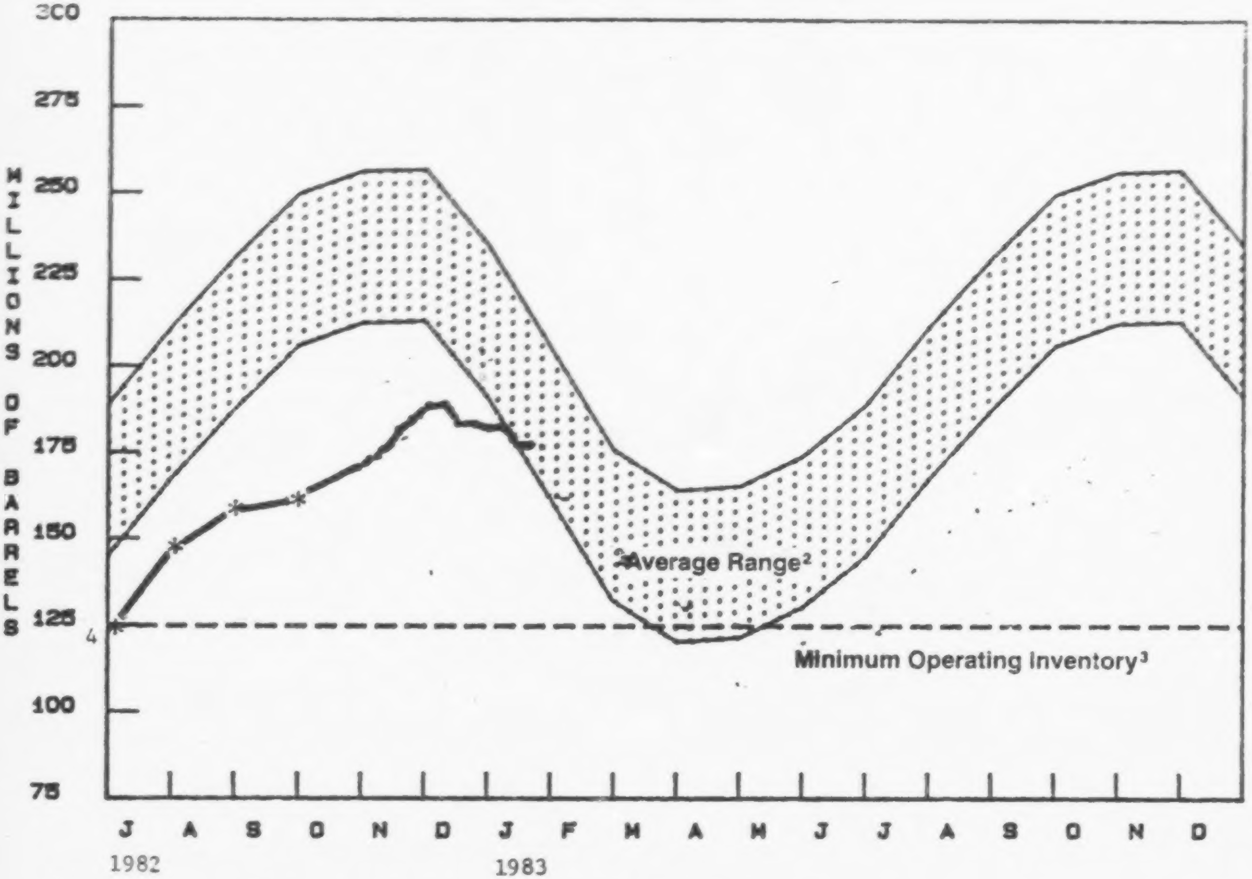
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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A2575-1 3/14/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 64 **For Week Ended** JANUARY 28, 1983 **NO.** 4

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending:<br>01/28/83 | Last Week Ending:<br>01/21/83 | Last Year Week Ending:<br>01/29/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,477 | 11,415 | 11,774 | + 62 | - 297 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 68.3 | 67.9 | 66.1 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 5,926 | 6,022 | 6,192 | - 96 | - 266 |
| Finished leaded motor gasoline production | 2,749 | 2,513 | N/A | + 236 | N/A |
| Finished unleaded motor gasoline production | 3,177 | 3,509 | N/A | - 332 | N/A |
| Total motor gasoline stocks | 247,287 | 245,756 | 258,493 | + 1,531 | - 11,206 |
| Finished leaded motor gasoline stocks | 103,438 | 99,830 | N/A | + 3,608 | N/A |
| Finished unleaded motor gasoline stocks | 99,368 | 99,724 | 100,451 | - 356 | - 1,083 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,383 | 2,338 | 2,589 | + 45 | - 206 |
| Distillate fuel oil stocks | 165,546 | 172,486 | 166,663 | - 6,940 | - 1,117 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 1,085 | 981 | 1,244 | + 104 | - 159 |
| Residual fuel oil stocks | 61,519 | 65,360 | 75,824 | - 3,841 | - 14,305 |
| Imports | | | | | |
| Crude oil imports | 3,227 | 3,042 | 3,142 | + 185 | + 85 |
| Product imports | 1,828 | 1,465 | 2,046 | + 363 | - 218 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 362,330 | 356,547 | 375,349 | + 5,783 | - 13,019 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JANUARY* 28, 1983 **NO.** 4

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,199● | 972 | 1,003 | 1,569 | 63.9 |
| Appal. No. 1 | 78 | 72 | 74 | 98 | 75.5 |
| **DISTRICT 1 TOTAL** | 1,277● | 1,044 | 1,077 | 1,667 | 64.6 |
| Appal. No. 2 | 58 | 50 | 58 | 66 | 87.9 |
| Ind., Ill., Ky. | 1,912 | 1,724● | 1,802 | 2,399 | 75.1 |
| Minn., Wis., Daks | 258 | 240 | 256 | 293 | 87.4 |
| Okla., Kans., Mo. | 730 | 631 | 636 | 858 | 74.1 |
| **DISTRICT 2 TOTAL** | 2,958 | 2,645● | 2,752 | 3,616 | 76.1 |
| Inland Texas | 523 | 435 | 473 | 592 | 79.9 |
| Texas Gulf Coast | 2,817 | 2,516 | 2,583 | 4,164 | 62.0 |
| La. Gulf Coast | 2,011 | 1,897 | 1,954 | 2,708 | 72.2 |
| N. La. and Ark. | 176 | 150 | 165 | 314 | 52.5 |
| New Mexico | 82 | 68 | 75 | 117 | 64.1 |
| **DISTRICT 3 TOTAL** | 5,609 | 5,066 | 5,250 | 7,895 | 66.5 |
| **DISTRICT 4 TOTAL** | 434 | 397 | 402 | 553 | 72.7 |
| **DISTRICT 5 TOTAL** | 2,253 | 1,965 | 1,996 | 3,083 | 64.7 |
| **TOTAL U.S.** | 12,531 | 11,117 | 11,477 | 16,814 | 68.3 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *JAN*. 21, 1983 | 12,301● | 11,108● | 11,415 | 16,814 | 67.9 |
| *JAN*. 29, 1982 | 12,490 | 11,531 | 11,774 | 17,822 | 66.1 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *JAN*. 28, 1983 | 10,278 | 9,152 | 9,481 | 13,731 | 69.0 |
| *JAN*. 21, 1983 | 10,227● | 9,139● | 9,433 | 13,731 | 68.7 |
| *JAN*. 29, 1982 | 10,362 | 9,535 | 9,708 | 14,698 | 66.0 |

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JANUARY* 28, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 562 | 216 | 346 | 20 | 20 | 252 | 164 |
| Appal. No. 1 | 25 | 14 | 11 | 2 | -- | 17 | 5 |
| **DISTRICT 1 TOTAL** | 587 | 230 | 357 | 22 | 20 | 269 | 169 |
| Appal. No. 2 | 38 | 23 | 15 | -- | 4 | 9 | 2 |
| Ind., Ill., Ky. | 1,052 | 454 | 598 | 12 | 96 | 356 | 87 |
| Minn., Wis., Daks. | 188 | 132 | 56 | 2 | 3 | 49 | 8 |
| Okla., Kans., Mo. | 423● | 285● | 138 | 18 | 19 | 163 | 13 |
| **DISTRICT 2 TOTAL** | 1,701● | 894● | 807 | 32 | 122 | 577 | 110 |
| Inland Texas | 243 | 117 | 126 | 24 | 27 | 95 | 25 |
| Texas Gulf Coast | 1,282 | 454 | 828 | 30 | 179 | 599 | 257 |
| La. Gulf Coast | 893 | 453 | 440 | 9 | 236 | 321 | 172 |
| N. La. and Ark. | 67 | 44 | 23 | 3 | -- | 48 | 11 |
| New Mexico | 25 | 13 | 12 | 17 | 2 | 21 | 4 |
| **DISTRICT 3 TOTAL** | 2,510 | 1,081 | 1,429 | 83 | 444 | 1,084 | 469 |
| **DISTRICT 4 TOTAL** | 226 | 137 | 89 | 12 | 22 | 97 | 13 |
| **DISTRICT 5 TOTAL** | 902 | 407 | 495 | 44 | 203 | 356 | 324 |
| **TOTAL U.S.** | 5,926 | 2,749 | 3,177 | 193 | 811 | 2,383 | 1,085 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *JAN*. 21, 1983 | 6,022● | 2,513● | 3,509 | 155 | 801 | 2,338 | 981 |
| *JAN*. 29, 1982 | 6,192 | *N/A* | *N/A* | 180 | 786 | 2,589 | 1,244 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *JAN*. 28, 1983 | 5,024 | 2,342 | 2,682 | 149 | 608 | 2,027 | 761 |
| *JAN*. 21, 1983 | 5,047● | 2,097● | 2,950 | 122 | 578 | 2,032 | 667 |
| *JAN*. 29, 1982 | 5,296 | *N/A* | *N/A* | 144 | 547 | 2,249 | 894 |

---

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*
NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JANUARY 28, 1983*

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 7,150 | 3,589 | 3,561 | -- | 103 | 735 | 12,798 | 2,043 | -- |
| Central Atlantic | 33,364 | 14,330 | 14,337 | 4,697 | 322 | 4,019 | 40,268 | 24,013 | 13,441 |
| Lower Atlantic | 28,236● | 13,351● | 14,873● | 12 | 136 | 4,080 | 15,191 | 5,077 | 442 |
| **DISTRICT 1 TOTAL** | 68,750● | 31,270● | 32,771● | 4,709 | 561 | 8,834 | 68,257 | 31,133 | 13,883 |
| **DISTRICT 2 TOTAL** | 74,596● | 34,578● | 29,645● | 10,373 | 1,656 | 7,375 | 48,121 | 5,604 | 17,174 |
| **DISTRICT 3 TOTAL** | 64,995 | 22,795 | 24,117 | 18,083 | 2,204 | 10,939 | 32,390 | 15,155 | 49,716 |
| **DISTRICT 4 TOTAL** | 9,658 | 4,966 | 2,551 | 2,141 | 371 | 675 | 4,099 | 478 | 2,698 |
| **DISTRICT 5 TOTAL** | 29,288 | 9,829 | 10,284 | 9,175 | 1,067 | 5,628 | 12,679 | 9,149● | 27,362 |
| **TOTAL U.S.** | 247,287 | 103,438 | 99,368 | 44,481 | 5,859 | 33,451 | 165,546 | 61,519 | 110,833 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *JAN. 21, 1983* | 245,756 | 99,830 | 99,724 | 46,202 | 5,860 | 32,628 | 172,486 | 65,360● | 106,155 |
| *JAN. 29, 1982* | 258,493 | *N/A* | 100,451 | *N/A* | 6,571 | 31,231 | 166,663 | 75,824 | 115,956 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *JAN. 28, 1983* | 217,999 | 93,609 | 89,084 | 35,306 | 4,792 | 27,823 | 152,867 | 52,370 | 83,471 |
| *JAN. 21, 1983* | 216,292 | 89,879 | 89,116 | 37,297 | 4,716 | 26,994 | 160,217 | 55,568 | 80,034 |
| *JAN. 29, 1982* | 226,578 | *N/A* | 88,567 | *N/A* | 5,181 | 24,952 | 153,187 | 65,032 | 89,536 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*
NA-Not Available

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JANUARY* 28, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE). IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] |  | Crude Oil Imports[1] |  | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
|  | API Monthly | Latest Dept. of Energy *SEP* 1982 | Total | From Canada |  |
|  | Daily Average |  |  |  |  |
| **DISTRICTS 1-4 TOTAL** |  |  |  |  |  |
| *JAN*. 28, 1983 | 5,815.1 | 5,883.0 | 3,126 | 182 | 277,235 |
| *JAN*. 21, 1983 | 5,815.1 | -- | 2,873 | 202 | 273,208 |
| *JAN*. 14, 1983 | 5,815.1 | -- | 2,759 | 182 | 271,294 |
| *JAN*. 7, 1983 | 5,824.1 | -- | 2,618 | 182 | 269,166 |
| **DISTRICT 5 TOTAL** |  |  |  |  |  |
| *JAN*. 28, 1983 | 2,846.0 | 2,823.0 | 101 | -- | 85,095 * |
| *JAN*. 21, 1983 | 2,846.0 | -- | 169 | -- | 83,339 |
| *JAN*. 14, 1983 | 2,846.0 | -- | 111 | 8 | 85,453 |
| *JAN*. 7, 1983 | 2,795.7 | -- | 307 | 20 | 75,801 |

**INCLUDES* 29,047 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** |  |  |  |  |  |
|---|---|---|---|---|---|
| *JAN*. 28, 1983 | 8,661.1 | 8,706.0 | 3,227 | 182 | 362,330 * |
| *JAN*. 21, 1983 | 8,661.1 | -- | 3,042 | 202 | 356,547 |
| *JAN*. 14, 1983 | 8,661.1 | -- | 2,870 | 190 | 356,747 |
| *JAN*. 7, 1983 | 8,619.8 | -- | 2,925 | 202 | 344,967 |
| *JAN*. 29, 1982 | 8,585.1/*A* | -- | 3,142 | 153 | 375,349 |

*/A DOE ACTUAL FOR JANUARY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** |  |  |  |  |  |  |  |
| *JAN*. 28, 1983 | 20,196 | 77,801 | 164,444 | 14,794 | 277,235 | 85,095 * | 362,330 |
| *JAN*. 21, 1983 | 18,327 | 79,259 | 161,463 | 14,159 | 273,208 | 83,339 | 356,547 |
| *JAN*. 29, 1982 | 20,820 | 83,873 | 165,124 | 14,374 | 284,191 | 91,158 | 375,349 |

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[1] See definitional notes, Page 6.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 195 | 9 | -- | -- | 204 |
| Central Atlantic | 141 | 83 | 58 | 3 | 9 | 86 | 304 | 11 | 14 | 84 | 652 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 196 | -- | -- | -- | 196 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| JAN. 28, 1983 | 141 | 83 | 58 | 3 | 9 | 86 | 695 | 20 | 14 | 84 | 1,052 |
| JAN. 21, 1983 | 110 | 60 | 50 | 5 | 38 | 127 | 412 | 5 | 84 | 150 | 931 |
| JAN. 14, 1983 | 149 | 97 | 52 | 3 | 5 | 95 | 509 | 6 | 25 | 161 | 953 |
| JAN. 7, 1983 | 124 | 71 | 53 | 3 | 5 | 66 | 473 | 5 | 97 | 66 | 839 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| JAN. 28, 1983 | 1 | 1 | -- | -- | -- | 7 | 91 | 310 | 134 | 119 | 662 |
| JAN. 21, 1983 | -- | -- | -- | -- | -- | -- | 106 | 258 | 54 | 24 | 442 |
| JAN. 14, 1983 | 5 | 4 | 1 | -- | -- | 30 | 163 | 240 | 77 | 5 | 520 |
| JAN. 7, 1983 | 4 | 1 | 3 | -- | -- | 1 | 56 | 215 | 369 | 98 | 743 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| JAN. 28, 1983 | 42 | 33 | 9 | -- | -- | 7 | 17 | 15 | 33 | -- | 114 |
| JAN. 21, 1983 | 38 | 24 | 14 | -- | 1 | 7 | 21 | 14 | 4 | 7 | 92 |
| JAN. 14, 1983 | 38 | 28 | 10 | -- | 1 | 6 | 19 | 14 | 4 | 6 | 88 |
| JAN. 7, 1983 | 36 | 23 | 13 | -- | 1 | 7 | 19 | 15 | 9 | 8 | 95 |
| **TOTAL U.S.** | 184 | 117 | 67 | 3 | 9 | 100 | 803 | 345 | 181 | 203 | 1,828 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| JAN. 21, 1983 | 148 | 84 | 64 | 5 | 39 | 134 | 539 | 277 | 142 | 181 | 1,465 |
| JAN. 14, 1983 | 192 | 129 | 63 | 3 | 6 | 131 | 691 | 260 | 106 | 172 | 1,561 |
| JAN. 7, 1983 | 164 | 95 | 69 | 3 | 6 | 74 | 548 | 235 | 475 | 172 | 1,677 |
| JAN. 29, 1982 | 144 | N/A | 68 | -- | 2 | 154 | 1,091 | 479 | 137 | 24 | 2,046 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows.

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude impor into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of t week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories

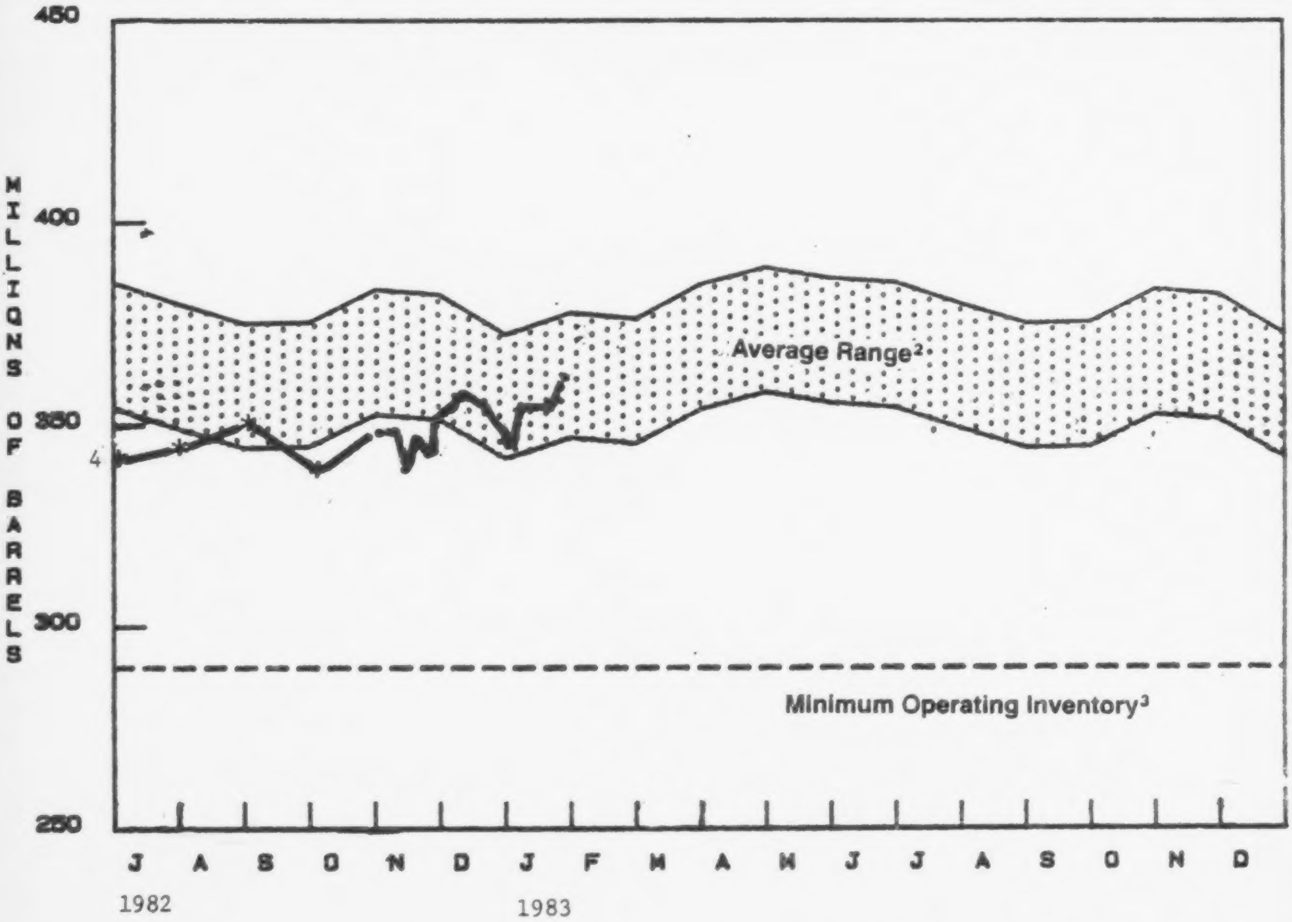
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collec from reporting companies

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to refl subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 1/21/83 | PAGE 1 | TOTAL REFINERY INPUT | EAST COAST | 1,210 |
| | | | DISTRICT 1 TOTAL | 1,281 |
| | | | TOTAL U.S. | 12,301 |
| | | | DISTRICTS 1-4 | 10,227 |
| | | CRUDE OIL RUNS | IND., ILL., KY. | 1,792 |
| | | | DISTRICT 2 TOTAL | 2,717 |
| | | | TOTAL U.S. | 11,108 |
| | | | DISTRICTS 1-4 | 9,139 |
| | PAGE 2 | TOTAL MGAS | OKLA., KANS., MO. | 401 |
| | | | DISTRICT 2 TOTAL | 1,783 |
| | | | TOTAL U.S. | 6,022 |
| | | | DISTRICTS 1-4 | 5,047 |
| | | LEADED MGAS | OKLA., KANS., MO. | 215 |
| | | | DISTRICT 2 TOTAL | 813 |
| | | | TOTAL U.S. | 2,513 |
| | | | DISTRICTS 1-4 | 2,097 |
| | PAGE 3 | TOTAL MGAS | LOWER ATLANTIC | 27,200 |
| | | | DISTRICT 1 TOTAL | 66,910 |
| | | | DISTRICT 2 TOTAL | 73,010 |
| | | LEADED MGAS | LOWER ATLANTIC | 12,728 |
| | | | DISTRICT 1 TOTAL | 28,919 |
| | | | DISTRICT 2 TOTAL | 34,039 |
| | | UNLEADED MGAS | LOWER ATLANTIC | 14,472 |
| | | | DISTRICT 1 TOTAL | 32,131 |
| | | | DISTRICT 2 TOTAL | 29,729 |
| | | RESIDUAL FUEL | DISTRICT 5 TOTAL | 9,792 |
| | | | TOTAL U.S. | 65,360 |

## Crude Oil Stocks at Primary Level[1]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

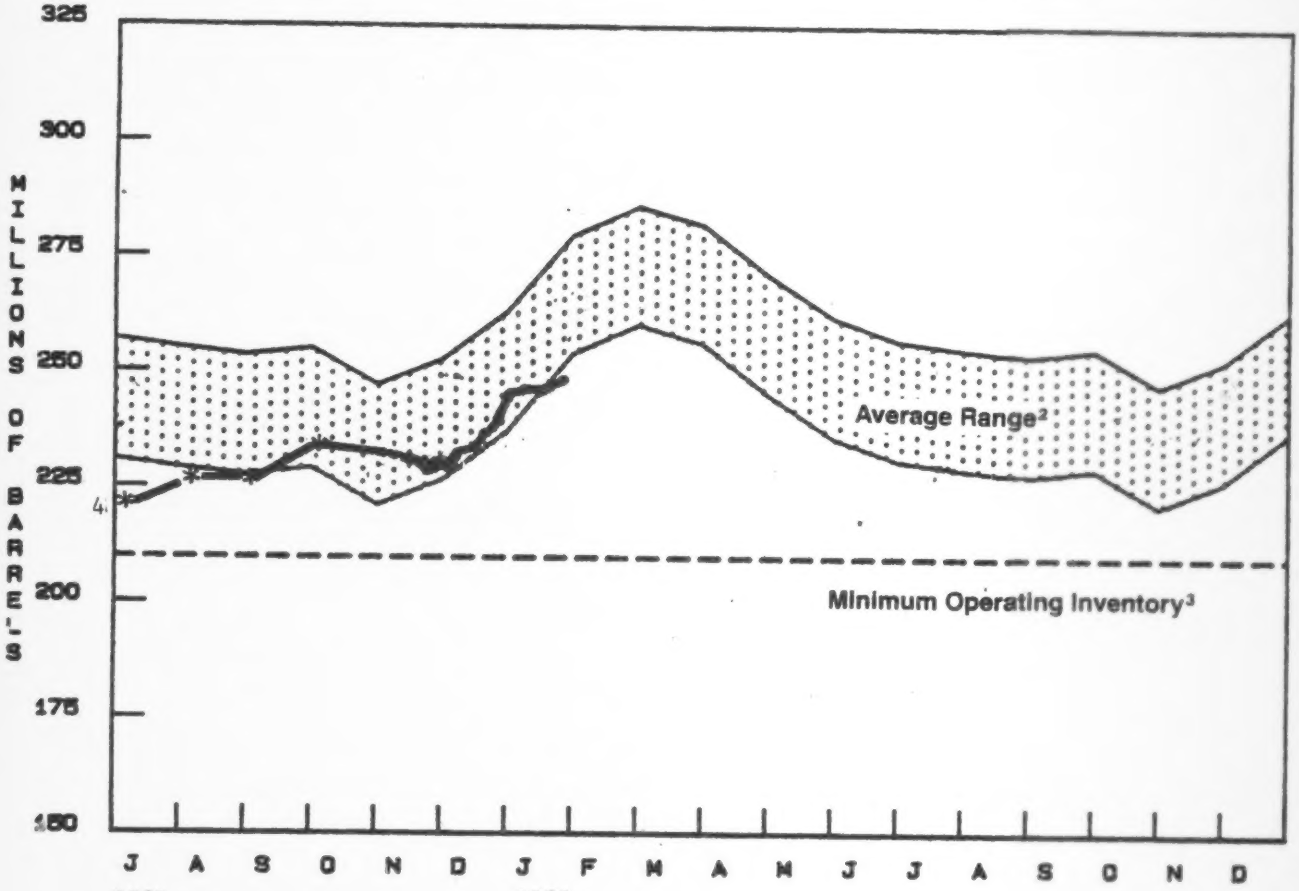
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

**Motor Gasoline Stocks at Primary Level[1] [5]**



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

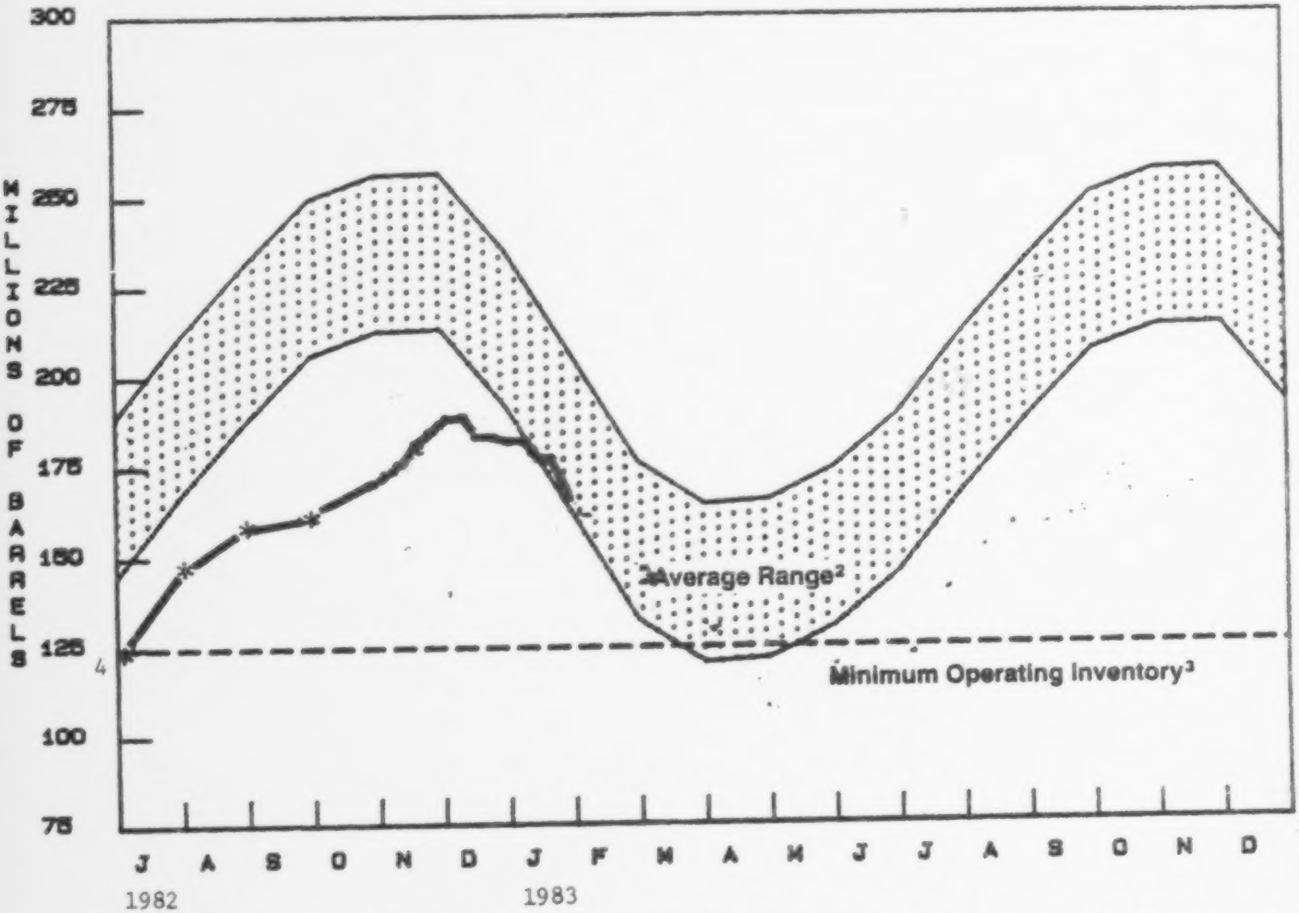
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weeklv Statistical Bulletin."

[5] The average level,. width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1
3/14/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 64 **For Week Ended** FEBRUARY 4, 1983 **NO.** 5

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 02/04/83 | Last Week Ending: 01/28/83 | Last Year Week Ending: 02/05/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units * | 11,084 | 11,477 | 11,581 | - 393 | - 497 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 65.9 | 68.3 | 65.0 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 5,857 | 5,926 | 5,917 | - 69 | - 60 |
| Finished leaded motor gasoline production | 2,832 | 2,749 | N/A | + 83 | N/A |
| Finished unleaded motor gasoline production | 3,025 | 3,177 | N/A | - 152 | N/A |
| Total motor gasoline stocks | 247,978 | 246,329 | 257,020 | + 1,649 | - 9,042 |
| Finished leaded motor gasoline stocks | 102,298 | 102,714 | N/A | - 416 | N/A |
| Finished unleaded motor gasoline stocks | 99,517 | 98,852 | 99,744 | + 665 | - 227 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,252 | 2,383 | 2,439 | - 131 | - 187 |
| Distillate fuel oil stocks | 161,694 | 165,361 | 160,548 | - 3,667 | + 1,146 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 963 | 1,085 | 1,207 | - 122 | - 244 |
| Residual fuel oil stocks | 62,815 | 61,519 | 70,090 | + 1,296 | - 7,275 |
| Imports | | | | | |
| Crude oil imports | 2,553 | 3,227 | 3,398 | - 674 | - 845 |
| Product imports | 1,641 | 1,827 | 1,476 | - 186 | + 165 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 356,858 | 361,293 | 384,877 | - 4,435 | - 28,019 |

* *SCHEDULED AND UNSCHEDULED SHUTDOWNS CAUSED A DECREASE OF 256,000 BBL. PER DAY IN THE LOUISIANA GULF COAST DISTRICT.*

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *FEBRUARY* 4, 1983 **NO.** 5

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,106 | 950 | 989 | 1,569 | 63.0 |
| Appal. No. 1 | 58 | 55 | 57 | 98 | 58.2 |
| **DISTRICT 1 TOTAL** | 1,164 | 1,005 | 1,046 | 1,667 | 62.7 |
| Appal. No. 2 | 48 | 45 | 51 | 66 | 77.3 |
| Ind., Ill., Ky. | 1,925 | 1,719● | 1,774 | 2,399 | 73.9 |
| Minn., Wis., Daks. | 239 | 239 | 255 | 293 | 87.0 |
| Okla., Kans., Mo. | 738 | 658 | 667 | 858 | 77.7 |
| **DISTRICT 2 TOTAL** | 2,950 | 2,661● | 2,747 | 3,616 | 76.0 |
| Inland Texas | 474 | 426 | 466 | 592 | 78.7 |
| Texas Gulf Coast | 2,711 | 2,468 | 2,539 | 4,164 | 61.0 |
| La. Gulf Coast | 1,785 | 1,652 | 1,698 | 2,708 | 62.7 |
| N. La. and Ark. | 169 | 145 | 161 | 314 | 51.3 |
| New Mexico | 69 | 67 | 74 | 117 | 63.2 |
| **DISTRICT 3 TOTAL** | 5,208 | 4,758 | 4,938 | 7,895 | 62.5 |
| **DISTRICT 4 TOTAL** | 437 | 394 | 399 | 553 | 72.2 |
| **DISTRICT 5 TOTAL** | 2,120 | 1,951 | 1,954 | 3,083 | 63.4 |
| **TOTAL U.S.** | 11,879 | 10,769 | 11,084 | 16,814 | 65.9 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *JAN*. 28, 1983 | 12,531 | 11,131● | 11,477 | 16,814 | 68.3 |
| *FEB*. 5, 1982 | 12,173 | 11,297 | 11,581 | 17,822 | 65.0 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *FEB*. 4, 1983 | 9,759 | 8,818 | 9,130 | 13,731 | 66.5 |
| *JAN*. 28, 1983 | 10,278 | 9,166● | 9,481 | 13,731 | 69.0 |
| *FEB*. 5, 1982 | 10,161 | 9,378 | 9,576 | 14,698 | 65.2 |

● *SEE REVISIONS ON PAGE* 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *FEBRUARY* 4, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 576 | 202 | 374 | -- | 22 | 198 | 152 |
| Appal. No. 1 | 23 | 11 | 12 | 2 | -- | 23 | 8 |
| **DISTRICT 1 TOTAL** | 599 | 213 | 386 | 2 | 22 | 221 | 160 |
| Appal. No. 2 | 36 | 22 | 14 | -- | 3 | 7 | 1 |
| Ind., Ill., Ky. | 1,217 | 590 | 627 | 18 | 96 | 325 | 78 |
| Minn., Wis., Daks. | 146 | 73 | 73 | 5 | 1 | 54 | 6 |
| Okla., Kans., Mo. | 444 | 289 | 155 | 11 | 36 | 178 | 12 |
| **DISTRICT 2 TOTAL** | 1,843 | 974 | 869 | 34 | 136 | 564 | 97 |
| Inland Texas | 207 | 123 | 84 | 24 | 25 | 98 | 29 |
| Texas Gulf Coast | 1,226 | 484 | 742 | 15 | 160 | 603 | 260 |
| La. Gulf Coast | 783 | 384 | 399 | 18 | 202 | 250 | 100 |
| N. La. and Ark. | 60 | 46 | 14 | -- | -- | 49 | 12 |
| New Mexico | 25 | 13 | 12 | 13 | 1 | 20 | 3 |
| **DISTRICT 3 TOTAL** | 2,301 | 1,050 | 1,251 | 70 | 388 | 1,020 | 404 |
| **DISTRICT 4 TOTAL** | 230 | 145 | 85 | 10 | 24 | 97 | 11 |
| **DISTRICT 5 TOTAL** | 884 | 450 | 434 | 52 | 249 | 350 | 291 |
| **TOTAL U.S.** | 5,857 | 2,832 | 3,025 | 168 | 819 | 2,252 | 963 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *JAN.* 28, 1983 | 5,926 | 2,749 | 3,177 | 193 | 811 | 2,383 | 1,085 |
| *FEB.* 5, 1982 | 5,917 | *N/A* | *N/A* | 204 | 724 | 2,439 | 1,207 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | | | |
| *FEB.* 4, 1983 | 4,973 | 2,382 | 2,591 | 116 | 570 | 1,902 | 672 |
| *JAN.* 28, 1983 | 5,024 | 2,342 | 2,682 | 149 | 608 | 2,027 | 761 |
| *FEB.* 5, 1982 | 5,080 | *N/A* | *N/A* | 155 | 538 | 2,119 | 804 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *FEBRUARY* 4, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 6,928 | 3,420 | 3,508 | -- | 99 | 644 | 12,116 | 2,034 | -- |
| Central Atlantic | 33,928 | 13,913● | 14,776 | 5,239● | 318 | 3,818 | 39,355 | 24,724 | 13,019 |
| Lower Atlantic | 27,534 | 12,695 | 14,820 | 19 | 135 | 4,133● | 14,590 | 4,609 | 471 |
| **DISTRICT 1 TOTAL** | 68,390 | 30,028● | 33,104 | 5,258● | 552 | 8,595● | 66,061 | 31,367 | 13,490 |
| **DISTRICT 2 TOTAL** | 73,553● | 34,599● | 29,221● | 9,733 | 1,729 | 7,710 | 47,518● | 5,422 | 16,861 |
| **DISTRICT 3 TOTAL** | 66,744 | 23,044 | 24,503 | 19,197 | 2,326 | 9,857 | 31,598 | 16,801 | 50,084 |
| **DISTRICT 4 TOTAL** | 10,108● | 4,710 | 2,395● | 3,003 | 481 | 826 | 4,397 | 518 | 3,362 |
| **DISTRICT 5 TOTAL** | 29,183 | 9,917 | 10,294 | 8,972 | 1,215 | 5,741 | 12,120 | 8,707 | 27,283 |
| **TOTAL U.S.** | 247,978 | 102,298 | 99,517 | 46,163 | 6,303 | 32,729 | 161,694 | 62,815 | 111,080 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| *JAN.* 28, 1983 | 246,329● | 102,714● | 98,852● | 44,763● | 5,859 | 33,289● | 165,361● | 61,519 | 110,833 |
| *FEB.* 5, 1982 | 257,020 | *N/A* | 99,744 | *N/A* | 6,659 | 30,145 | 160,548 | 70,090 | 116,750 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| *FEB.* 4, 1983 | 218,795 | 92,381 | 89,223 | 37,191 | 5,088 | 26,988 | 149,574 | 54,108 | 83,797 |
| *JAN.* 28, 1983 | 217,041● | 92,835● | 88,568● | 35,588● | 4,792 | 27,661● | 152,682● | 52,370 | 83,471 |
| *FEB.* 5, 1982 | 225,158 | *N/A* | 87,577 | *N/A* | 5,274 | 23,747 | 147,285 | 59,752 | 90,694 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

**DISTRICTS 1-4 TOTAL**

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy SEP 82 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| *FEB.* 4, 1983 | 5,815.1 | 5,883.0 | 2,304 | 238 | 276,372 |
| *JAN.* 28, 1983 | 5,815.1 | -- | 3,126 | 182 | 276,198● |
| *JAN.* 21, 1983 | 5,815.1 | -- | 2,873 | 202 | 273,208 |
| *JAN.* 14, 1983 | 5,815.1 | -- | 2,759 | 182 | 271,294 |

**DISTRICT 5 TOTAL**

| Weeks Ended: | API Monthly | Latest Dept. of Energy SEP 82 | Total | From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| *FEB.* 4, 1983 | 2,846.0 | 2,823.0 | 249 | 35 | 80,486 * |
| *JAN.* 28, 1983 | 2,846.0 | -- | 101 | -- | 85,095 |
| *JAN.* 21, 1983 | 2,846.0 | -- | 169 | -- | 83,339 |
| *JAN.* 14, 1983 | 2,846.0 | -- | 111 | 8 | 85,453 |

**INCLUDES* 23,771 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

**TOTAL U.S.**

| Weeks Ended: | API Monthly | Latest Dept. of Energy SEP 82 | Total | From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| *FEB.* 4, 1983 | 8,661.1 | 8,706.0 | 2,553 | 273 | 356,858 * |
| *JAN.* 28, 1983 | 8,661.1 | -- | 3,227 | 182 | 361,293● |
| *JAN.* 21, 1983 | 8,661.1 | -- | 3,042 | 202 | 356,547 |
| *JAN.* 14, 1983 | 8,661.1 | -- | 2,870 | 190 | 356,747 |
| *FEB.* 5, 1982 | 8,585.1/*A* | -- | 3,398 | 120 | 384,877 |

*/A DOE ACTUAL FOR JANUARY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location<br>Weeks Ended: | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| *FEB.* 4, 1983 | 18,468 | 77,965 | 165,372 | 14,567 | 276,372 | 80,486 * | 356,858 * |
| *JAN.* 28, 1983 | 20,196 | 76,764● | 164,444 | 14,794 | 276,198● | 85,095 | 361,293● |
| *FEB.* 5, 1982 | 23,250 | 84,681 | 169,006 | 14,495 | 291,432 | 93,445 | 384,877 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | -- | 5 | -- | -- | 5 |
| Central Atlantic | 129 | 71 | 58 | 6 | 43 | 152 | 370 | 5 | 115 | 125● | 945● |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 117 | -- | -- | -- | 117 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| FEB. 4, 1983 | 129 | 71 | 58 | 6 | 43 | 152 | 487 | 10 | 115 | 125 | 1,067 |
| JAN. 28, 1983 | 141 | 83 | 58 | 3 | 9 | 86 | 695 | 20 | 14 | 140● | 1,108● |
| JAN. 21, 1983 | 110 | 60 | 50 | 5 | 38 | 127 | 412 | 5 | 84 | 150 | 931 |
| JAN. 14, 1983 | 149 | 97 | 52 | 3 | 5 | 95 | 509 | 6 | 25 | 161 | 953 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| FEB. 4, 1983 | 3 | -- | 3 | -- | -- | -- | 91 | 280 | 71 | 45 | 490 |
| JAN. 28, 1983 | 1 | 1 | -- | -- | -- | 7 | 91 | 310 | 134 | 62● | 605● |
| JAN. 21, 1983 | -- | -- | -- | -- | -- | -- | 106 | 258 | 54 | 24 | 442 |
| JAN. 14, 1983 | 5 | 4 | 1 | -- | -- | 30 | 163 | 240 | 77 | 5 | 520 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| FEB. 4, 1983 | 34 | 21 | 13 | -- | -- | 6 | 17 | 17 | -- | 10 | 84 |
| JAN. 28, 1983 | 42 | 33 | 9 | -- | -- | 7 | 17 | 15 | 33 | -- | 114 |
| JAN. 21, 1983 | 38 | 24 | 14 | -- | 1 | 7 | 21 | 14 | 4 | 7 | 92 |
| JAN. 14, 1983 | 38 | 28 | 10 | -- | 1 | 6 | 19 | 14 | 4 | 6 | 88 |
| **TOTAL U.S.** | 166 | 92 | 74 | 6 | 43 | 158 | 595 | 307 | 186 | 180 | 1,641 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| JAN. 28, 1983 | 184 | 117 | 67 | 3 | 9 | 100 | 803 | 345 | 181 | 202● | 1,827● |
| JAN. 21, 1983 | 148 | 84 | 64 | 5 | 39 | 134 | 539 | 277 | 142 | 181 | 1,465 |
| JAN. 14, 1983 | 192 | 129 | 63 | 3 | 6 | 131 | 691 | 260 | 106 | 172 | 1,561 |
| FEB. 5, 1982 | 117 | N/A | 56 | -- | -- | 109 | 801 | 302 | 122 | 10 | 1,476 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

● *SEE REVISIONS ON PAGE 7*

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected m reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

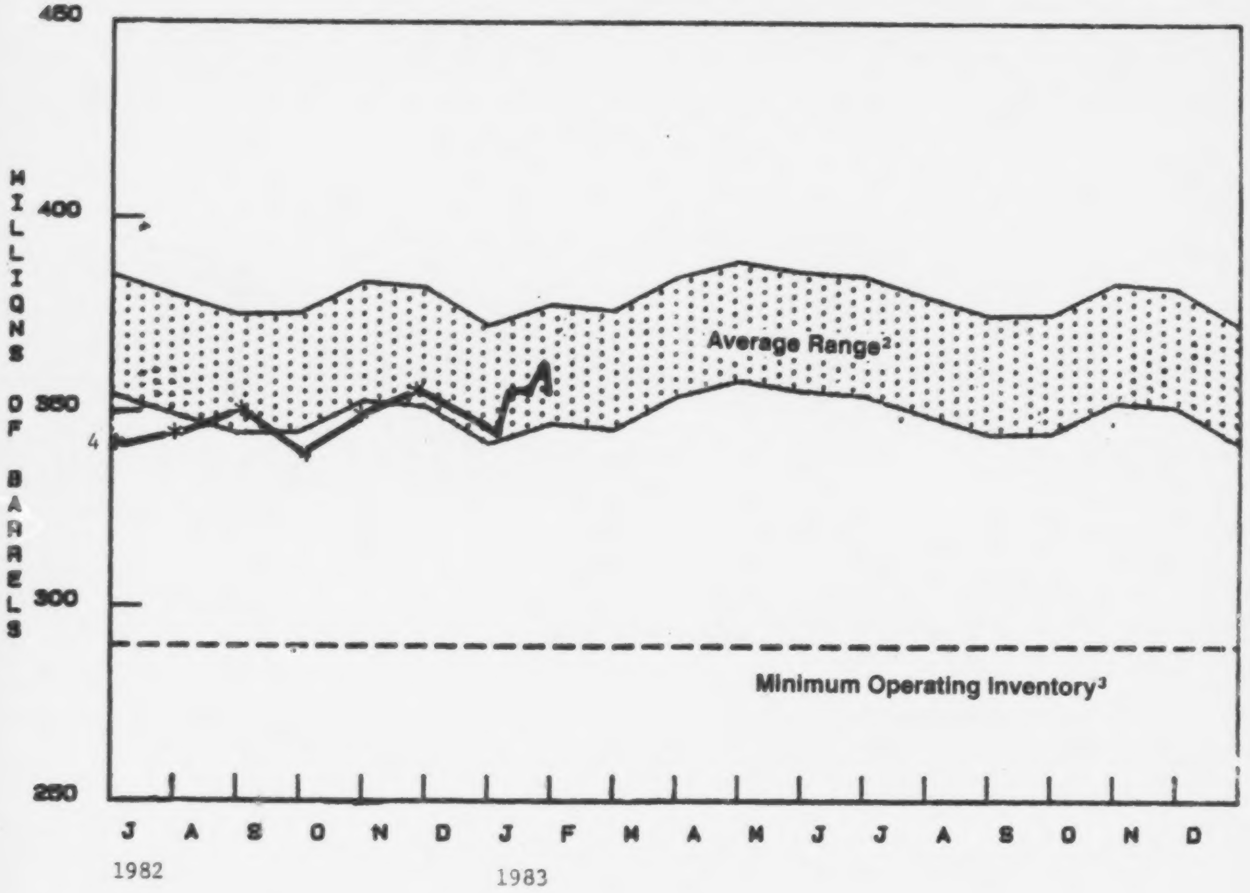
| | | | | |
|---|---|---|---|---|
| 1/28/83 | PAGE 1 | CRUDE OIL RUNS | IND., ILL., KY. | 1,738 |
| | | | DISTRICT 2 TOTAL | 2,659 |
| | | | TOTAL U.S. | 11,131 |
| | | | DISTRICTS 1-4 | 9,166 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 73,845 |
| | | | DISTRICT 4 TOTAL | 9,451 |
| | | | TOTAL U.S. | 246,329 |
| | | | DISTRICTS 1-4 | 217,041 |
| | | LEADED MGAS | CENTRAL ATLANTIC | 14,048 |
| | | | DISTRICT 1 TOTAL | 30,988 |
| | | | DISTRICT 2 TOTAL | 34,136 |
| | | | TOTAL U.S. | 102,714 |
| | | | DISTRICTS 1-4 | 92,885 |
| | | UNLEADED MGAS | DISTRICT 2 TOTAL | 29,336 |
| | | | DISTRICT 4 TOTAL | 2,344 |
| | | | TOTAL U.S. | 98,852 |
| | | | DISTRICTS 1-4 | 88,568 |
| | | BLENDING COMPS | CENTRAL ATLANTIC | 4,979 |
| | | | DISTRICT 1 TOTAL | 4,991 |
| | | | TOTAL U.S. | 44,763 |
| | | | DISTRICTS 1-4 | 35,588 |
| | | KEROSINE JET | LOWER ATLANTIC | 3,918 |
| | | | DISTRICT 1 TOTAL | 8,672 |
| | | | TOTAL U.S. | 33,289 |
| | | | DISTRICTS 1-4 | 27,661 |
| | | DISTILLATE FUEL | DISTRICT 2 TOTAL | 47,936 |
| | | | TOTAL U.S. | 165,361 |
| | | | DISTRICTS 1-4 | 152,682 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 276,198 |
| | | | TOTAL U.S. | 361,293 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 2 | 76,764 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 276,198 |
| | | TOTAL | TOTAL U.S. | 361,293 |
| | PAGE 5 | OTHER | CENTRAL ATLANTIC | 140 |
| | | | DISTRICT 1 TOTAL | 140 |
| | | | DISTRICTS 2-4 TOTAL | 62 |

## REVISIONS

| | | |
|---|---|---|
| | TOTAL U.S. | 202 |
| TOTAL | CENTRAL ATLANTIC | 708 |
| | DISTRICT 1 TOTAL | 1,108 |
| | DISTRICTS 2-4 TOTAL | 605 |
| | TOTAL U.S. | 1,827 |

Week Ended February 4, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

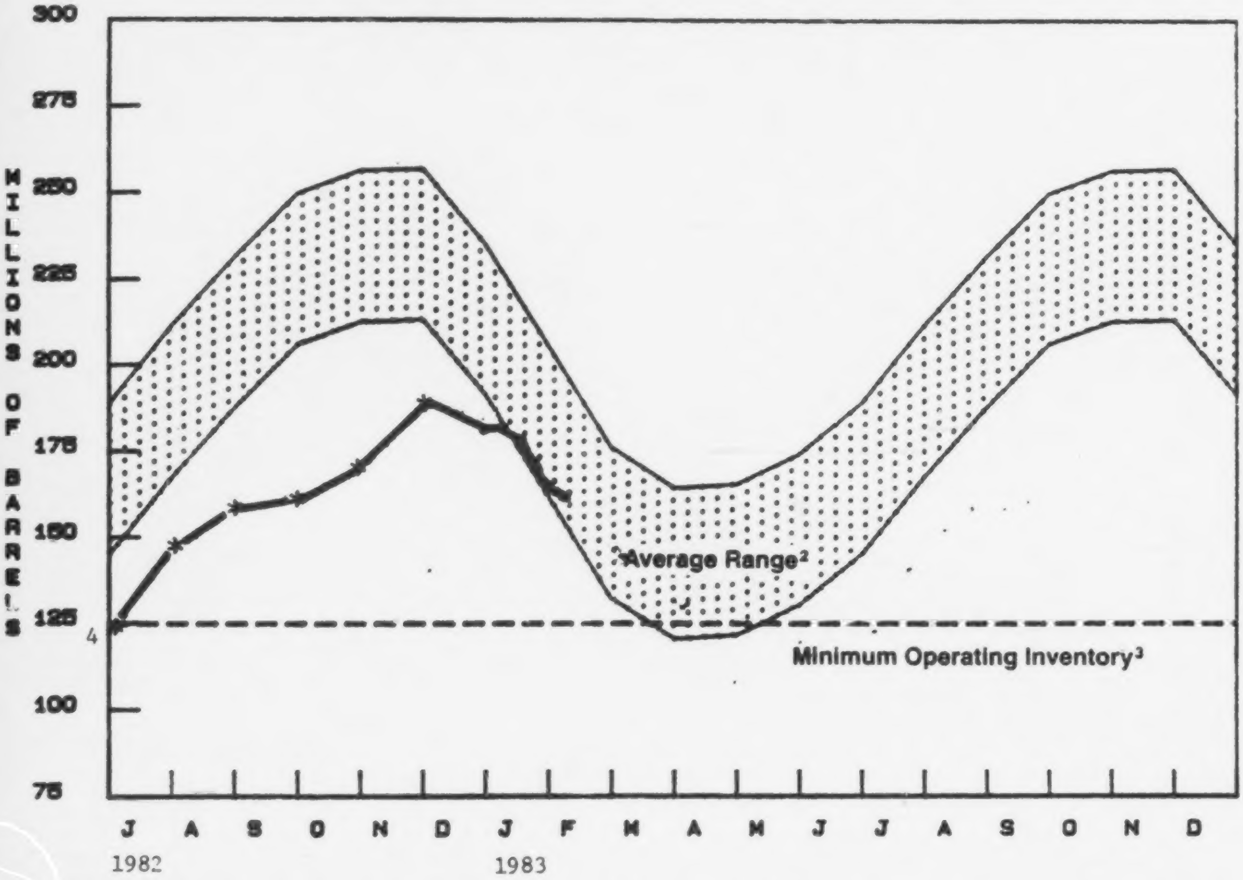
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended February 4, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] 5



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

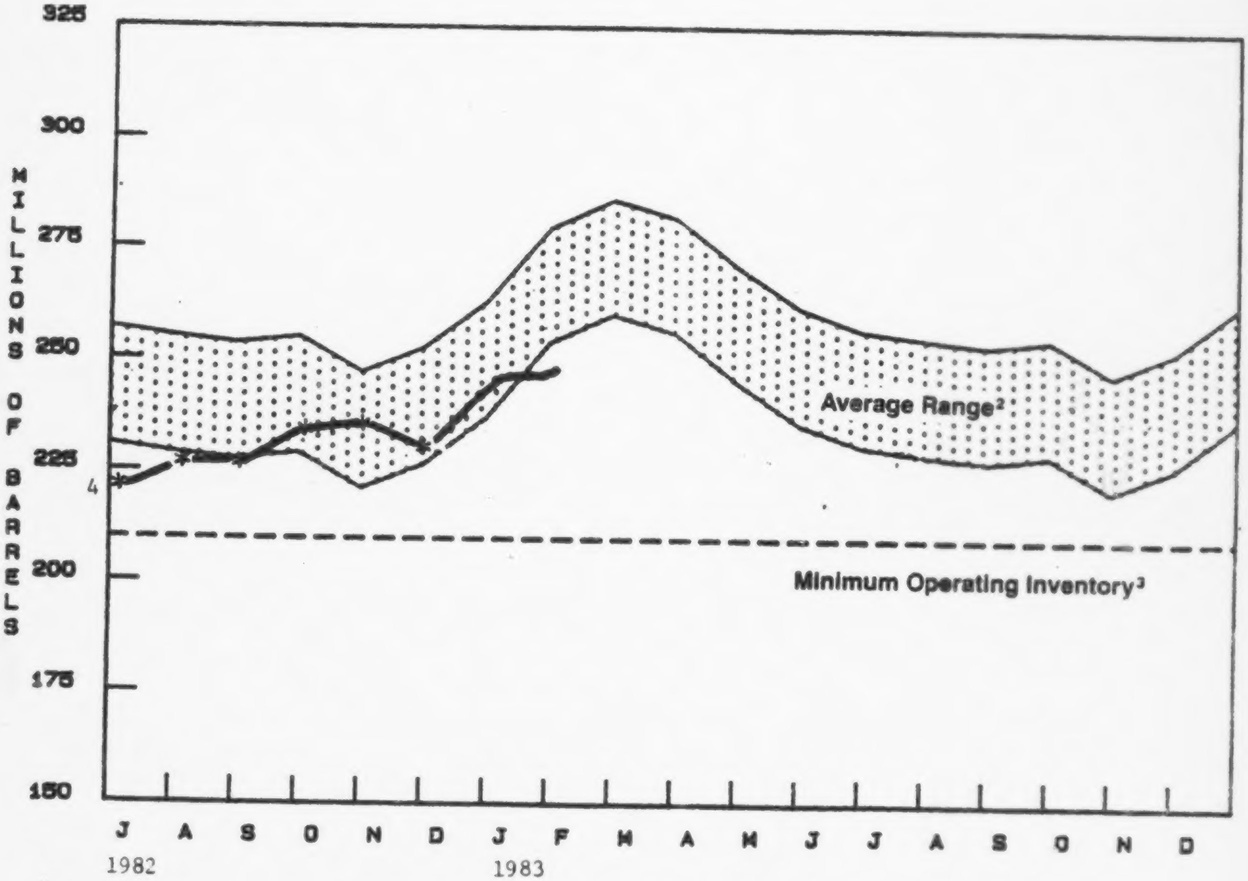
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
*-- API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 2/14/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 64 **For Week Ended** FEBRUARY 11, 1983 **NO.** 6

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 02/11/83 | Last Week Ending: 02/04/83 | Last Year Week Ending: 02/12/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 11,085 | 11,084 | 11,294 | + 1 | - 209 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 65.9 | 65.9 | 63.4 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 5,858 | 5,857 | 5,749 | + 1 | + 109 |
| Finished leaded motor gasoline production | 2,627 | 2,832 | N/A | - 205 | N/A |
| Finished unleaded motor gasoline production | 3,231 | 3,025 | N/A | + 206 | N/A |
| Total motor gasoline stocks | 249,783 | 247,396 | 257,440 | + 2,387 | - 7,657 |
| Finished leaded motor gasoline stocks | 102,100 | 102,119 | N/A | - 19 | N/A |
| Finished unleaded motor gasoline stocks | 101,014 | 99,517 | 101,317 | + 1,497 | - 303 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,254 | 2,252 | 2,385 | + 2 | - 131 |
| Distillate fuel oil stocks | 154,487 | 161,486 | 155,834 | - 6,999 | - 1,347 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 866 | 963 | 1,184 | - 97 | - 318 |
| Residual fuel oil stocks | 59,492 | 62,628 | 67,276 | - 3,136 | - 7,784 |
| **Imports** | | | | | |
| Crude oil imports | 2,310 | 2,553 | 3,048 | - 243 | - 738 |
| Product imports | 1,754 | 1,641 | 1,707 | + 113 | + 47 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 359,940 | 356,903 | 381,842 | + 3,037 | - 21,902 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** FEBRUARY 11, 1983 **NO.** 6

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,158 | 978 | 1,027 | 1,569 | 65.5 |
| Appal. No. 1 | 53 | 53 | 55 | 98 | 56.1 |
| **DISTRICT 1 TOTAL** | 1,211 | 1,031 | 1,082 | 1,667 | 64.9 |
| Appal. No. 2 | 51 | 45 | 50 | 66 | 75.8 |
| Ind., Ill., Ky. | 1,851 | 1,662 | 1,695 | 2,399 | 70.7 |
| Minn., Wis., Daks. | 258● | 240 | 254 | 293 | 86.7 |
| Okla., Kans., Mo. | 751 | 669 | 672 | 858 | 78.3 |
| **DISTRICT 2 TOTAL** | 2,911● | 2,616 | 2,671 | 3,616 | 73.9 |
| Inland Texas | 488 | 428 | 456 | 592 | 77.0 |
| Texas Gulf Coast | 2,789 | 2,568 | 2,654 | 4,164 | 63.7 |
| La. Gulf Coast | 1,684 | 1,502 | 1,562 | 2,708 | 57.7 |
| N. La. and Ark. | 156 | 157 | 157 | 314 | 50.0 |
| New Mexico | 79 | 71 | 77 | 117 | 65.8 |
| **DISTRICT 3 TOTAL** | 5,196 | 4,726 | 4,906 | 7,895 | 62.1 |
| **DISTRICT 4 TOTAL** | 433 | 385 | 391 | 553 | 70.7 |
| **DISTRICT 5 TOTAL** | 2,014 | 1,999 | 2,035 | 3,083 | 66.0 |
| **TOTAL U.S.** | 11,765 | 10,757 | 11,085 | 16,814 | 65.9 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| FEB. 4, 1983 | 11,895● | 10,769 | 11,084 | 16,814 | 65.9 |
| FEB. 12, 1982 | 11,897 | 11,012 | 11,294 | 17,822 | 63.4 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| FEB. 11, 1983 | 9,751 | 8,758 | 9,050 | 13,731 | 65.9 |
| FEB. 4, 1983 | 9,775● | 8,818 | 9,130 | 13,731 | 66.5 |
| FEB. 12, 1982 | 9,858 | 9,092 | 9,306 | 14,698 | 63.3 |

● SEE REVISIONS ON PAGE 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *FEBRUARY* 11, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 554 | 246 | 308 | 9 | 29 | 213 | 153 |
| Appal. No. 1 | 21 | 15 | 6 | 1 | -- | 11 | 4 |
| **DISTRICT 1 TOTAL** | 575 | 261 | 314 | 10 | 29 | 224 | 157 |
| Appal. No. 2 | 37 | 18 | 19 | -- | 3 | 7 | -- |
| Ind., Ill., Ky. | 1,095 | 457 | 638 | 15 | 94 | 309 | 60 |
| Minn., Wis., Daks. | 146 | 65 | 81 | 3 | 5 | 54 | 9 |
| Okla., Kans., Mo. | 404 | 236 | 168 | 17 | 26 | 157 | 11 |
| **DISTRICT 2 TOTAL** | 1,682 | 776 | 906 | 35 | 128 | 527 | 80 |
| Inland Texas | 244 | 110 | 134 | 25 | 26 | 97 | 23 |
| Texas Gulf Coast | 1,330 | 491 | 839 | 30 | 215 | 635 | 217 |
| La. Gulf Coast | 814 | 425 | 389 | 11 | 198 | 278 | 67 |
| N. La. and Ark. | 65 | 37 | 28 | 6 | -- | 50 | 11 |
| New Mexico | 8 | 6 | 2 | 13 | 1 | 12 | 1 |
| **DISTRICT 3 TOTAL** | 2,461 | 1,069 | 1,392 | 85 | 440 | 1,072 | 319 |
| **DISTRICT 4 TOTAL** | 196 | 118 | 78 | 6 | 21 | 96 | 10 |
| **DISTRICT 5 TOTAL** | 944 | 403 | 541 | 50 | 230 | 335 | 300 |
| **TOTAL U.S.** | 5,858 | 2,627 | 3,231 | 186 | 848 | 2,254 | 866 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *FEB.* 4, 1983 | 5,857 | 2,832 | 3,025 | 168 | 819 | 2,252 | 963 |
| *FEB.* 12, 1982 | 5,749 | *N/A* | *N/A* | 168 | 771 | 2,385 | 1,184 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| *FEB.* 11, 1983 | 4,914 | 2,224 | 2,690 | 136 | 618 | 1,919 | 566 |
| *FEB.* 4, 1983 | 4,973 | 2,382 | 2,591 | 116 | 570 | 1,902 | 672 |
| *FEB.* 12, 1982 | 4,926 | N/A | N/A | 128 | 518 | 2,086 | 745 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** FEBRUARY 11, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 6,616 | 3,384 | 3,232 | -- | 13 | 668 | 11,004 | 1,953 | -- |
| Central Atlantic | 33,953 | 13,754 | 14,937 | 5,262 | 303 | 4,067 | 35,202 | 23,263● | 13,313 |
| Lower Atlantic | 28,054 | 12,490 | 15,539 | 25 | 122 | 4,125 | 13,696 | 4,072 | 439 |
| **DISTRICT 1 TOTAL** | 68,623 | 29,628 | 33,708 | 5,287 | 438 | 8,860 | 59,902 | 29,288● | 13,752 |
| **DISTRICT 2 TOTAL** | 75,377 | 33,380 | 30,319 | 11,678 | 1,508 | 7,185 | 48,010 | 5,144 | 16,688 |
| **DISTRICT 3 TOTAL** | 65,760 | 24,055 | 24,010 | 17,695 | 2,334 | 10,063 | 30,570 | 15,639 | 50,188 |
| **DISTRICT 4 TOTAL** | 10,016● | 4,720● | 2,468 | 2,828● | 394● | 645● | 4,035● | 446 | 2,696● |
| **DISTRICT 5 TOTAL** | 30,007 | 10,317 | 10,509 | 9,181 | 1,257 | 5,811 | 11,970 | 8,975 | 27,465 |
| **TOTAL U.S.** | 249,783 | 102,100 | 101,014 | 46,669 | 5,931 | 32,564 | 154,487 | 59,492 | 110,789 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | | | | |
| FEB. 4, 1983 | 247,396● | 102,119● | 99,517 | 45,760● | 6,188● | 32,603● | 161,486● | 62,628● | 110,368● |
| FEB. 12, 1982 | 257,440 | N/A | 101,317 | N/A | 6,460 | 29,846 | 155,834 | 67,276 | 115,136 |
| **DISTRICTS 1-4** **Weeks Ended:** | | | | | | | | | |
| FEB. 11, 1983 | 219,776 | 91,783 | 90,505 | 37,488 | 4,674 | 26,753 | 142,517 | 50,517 | 83,324 |
| FEB. 4, 1983 | 218,213● | 92,202● | 89,223 | 36,788● | 4,973● | 26,862● | 149,366● | 53,921● | 83,085● |
| FEB. 12, 1982 | 226,466 | N/A | 89,576 | N/A | 5,052 | 23,278 | 142,894 | 56,700 | 89,591 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components

[2] Includes Grade No. 4 fuel oil

● SEE REVISIONS ON PAGE 6
NA-Not Available

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** FEBRUARY 11, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy SEP 82 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| FEB. 11, 1983 | 5,823.5 | 5,883.0 | 2,068 | 236 | 278,099 |
| FEB. 4, 1983 | 5,834.3● | -- | 2,304 | 238 | 276,417● |
| JAN. 28, 1983 | 5,834.3● | -- | 3,126 | 182 | 276,198 |
| JAN. 21, 1983 | 5,834.3● | -- | 2,873 | 202 | 273,208 |
| **DISTRICT 5 TOTAL** | | | | | |
| FEB. 11, 1983 | 2,840.0 | 2,823.0 | 242 | 29 | 81,841 * |
| FEB. 4, 1983 | 2,846.2● | -- | 249 | 35 | 80,486 |
| JAN. 28, 1983 | 2,846.2● | -- | 101 | -- | 85,095 |
| JAN. 21, 1983 | 2,846.2● | -- | 169 | -- | 83,339 |

*INCLUDES 23,220 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

| Weeks Ended: | API Monthly | Latest Dept. of Energy SEP 82 | Total | From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| **TOTAL U.S.** | | | | | |
| FEB. 11, 1983 | 8,663.5 | 8,706.0 | 2,310 | 265 | 359,940 * |
| FEB. 4, 1983 | 8,680.5● | -- | 2,553 | 273 | 356,903● |
| JAN. 28, 1983 | 8,680.5● | -- | 3,227 | 182 | 361,293 |
| JAN. 21, 1983 | 8,680.5● | -- | 3,042 | 202 | 356,547 |
| FEB. 12, 1982 | 8,726.6 /A | -- | 3,048 | 172 | 381,842 |

/A DOE ACTUAL FOR FEBRUARY 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| FEB. 11, 1983 | 17,033 | 78,161 | 168,377 | 14,528 | 278,099 | 81,841 * | 359,940 * |
| FEB. 4, 1983 | 18,625● | 77,965 | 165,372 | 14,455● | 276,417● | 80,486 | 356,903● |
| FEB. 12, 1982 | 24,639 | 82,716 | 167,730 | 15,042 | 290,127 | 91,715 | 381,842 |

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[1] See definitional notes, Page 6

● SEE REVISIONS ON PAGE 8

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | 38 | 27 | 11 | -- | -- | -- | 241 | -- | -- | -- | 279 |
| Central Atlantic | 141 | 100 | 41 | -- | -- | 113 | 267 | 7 | 70 | 136 | 734 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 125 | -- | -- | 17 | 142 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| FEB. 11, 1983 | 179 | 127 | 52 | -- | -- | 113 | 633 | 7 | 70 | 153 | 1,155 |
| FEB. 4, 1983 | 129 | 71 | 58 | 6 | 43 | 152 | 487 | 10 | 115 | 125 | 1,067 |
| JAN. 28, 1983 | 141 | 83 | 58 | 3 | 9 | 86 | 695 | 20 | 14 | 140 | 1,108 |
| JAN. 21, 1983 | 110 | 60 | 50 | 5 | 38 | 127 | 412 | 5 | 84 | 150 | 931 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| FEB. 11, 1983 | -- | -- | -- | -- | -- | 7 | 68 | 265 | 97 | 82 | 519 |
| FEB. 4, 1983 | 3 | -- | 3 | -- | -- | -- | 91 | 280 | 71 | 45 | 490 |
| JAN. 28, 1983 | 1 | 1 | -- | -- | -- | 7 | 91 | 310 | 134 | 62 | 605 |
| JAN. 21, 1983 | -- | -- | -- | -- | -- | -- | 106 | 258 | 54 | 24 | 442 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| FEB. 11, 1983 | 39 | 30 | 9 | -- | -- | 7 | 11 | 13 | -- | 10 | 80 |
| FEB. 4, 1983 | 34 | 21 | 13 | -- | -- | 6 | 17 | 17 | -- | 10 | 84 |
| JAN. 28, 1983 | 42 | 33 | 9 | -- | -- | 7 | 17 | 15 | 33 | -- | 114 |
| JAN. 21, 1983 | 38 | 24 | 14 | -- | 1 | 7 | 21 | 14 | 4 | 7 | 92 |
| **TOTAL U.S.** | 218 | 157 | 61 | -- | -- | 127 | 712 | 285 | 167 | 245 | 1,754 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| FEB. 4, 1983 | 166 | 92 | 74 | 6 | 43 | 158 | 595 | 307 | 186 | 180 | 1,641 |
| JAN. 28, 1983 | 184 | 117 | 67 | 3 | 9 | 100 | 803 | 345 | 181 | 202 | 1,827 |
| JAN. 21, 1983 | 148 | 84 | 64 | 5 | 39 | 134 | 539 | 277 | 142 | 181 | 1,465 |
| FEB. 12, 1982 | 110 | N/A | 73 | -- | -- | 82 | 889 | 328 | 271 | 18 | 1,707 |

---

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

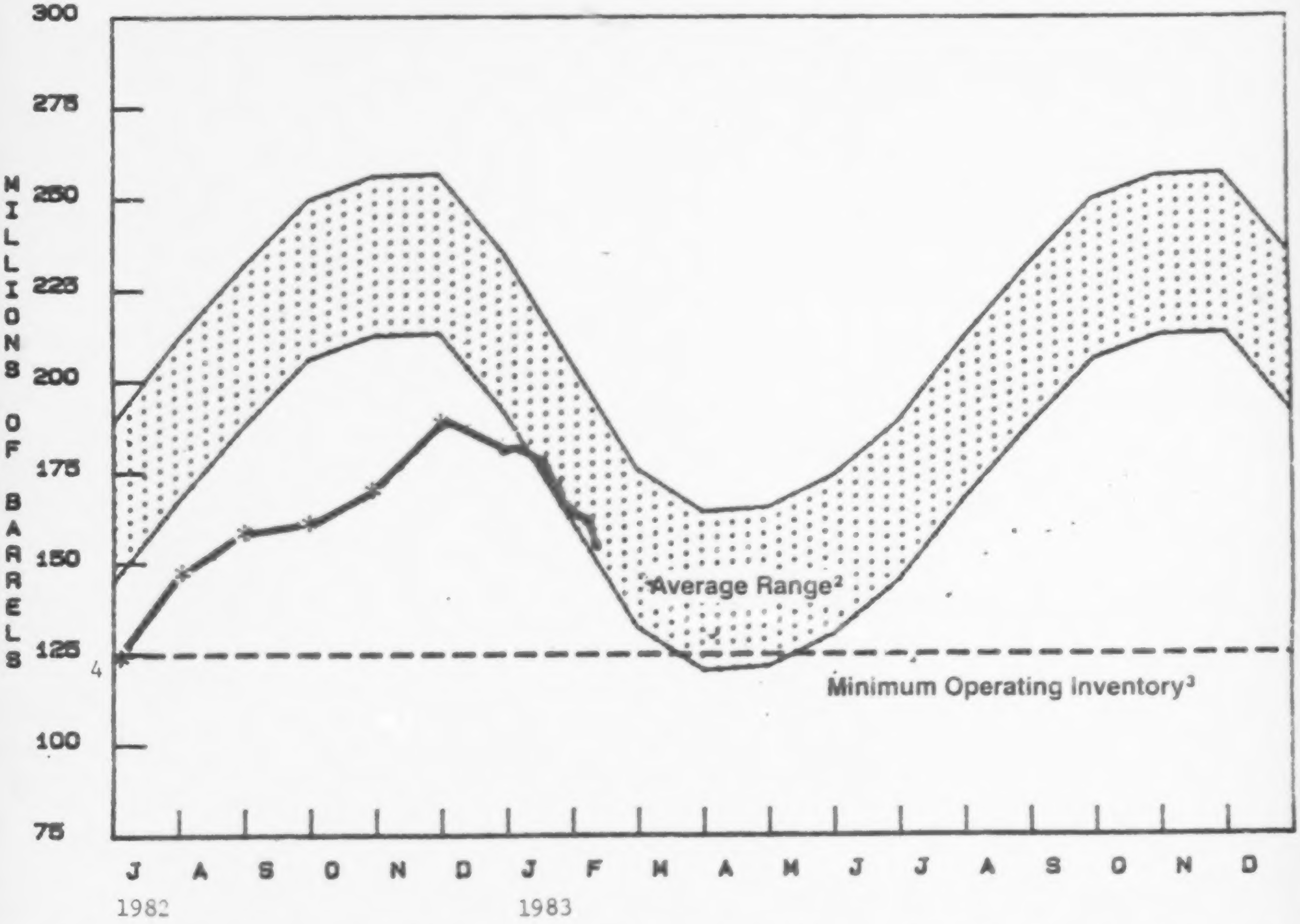
(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | January 1983 | December 1982 | Sept. 1982 |
| Florida | 65.0 | 67.0 | 67.0 |
| New York-Pennsylvania | 12.0 | 12.0 | 12.0 |
| Virginia | - | - | - |
| West Virginia | 7.0 | 8.0 | 9.0 |
| Illinois | 83.0 | 83.5 | 82.0 |
| Indiana | 13.0 | 13.0 | 13.0 |
| Kansas | 199.0 | 200.0 | 200.0 |
| Kentucky | 18.4 | 18.4 | 18.0 |
| Michigan | 88.0 | 88.0 | 89.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 5.0 |
| Nebraska | 18.0 | 19.0 | 19.0 |
| Ohio | 37.0 | 37.0 | 37.0 |
| Oklahoma | 428.0 | 427.0 | 456.0 |
| North Dakota | 135.4 | 134.0 | 136.0 |
| South Dakota | 3.0 | 3.2 | 3.0 |
| Alabama | 53.0 | 52.0 | 52.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 90.0 | 90.0 | 89.0 |
| New Mexico-So. East | 191.0 | 182.0 | 178.0 |
| New Mexico-Other | 17.5 | 18.0 | 16.0 |
| North Louisiana | 98.0 | 98.0 | 98.0 |
| South Louisiana | 1,176.0 | 1,173.0 | 1,158.0 |
| Total Louisiana | 1,274.0 | 1,271.0 | 1,256.0 |
| Texas | | | |
| District 1 | 69.0 | 69.0 | 71.0 |
| District 2 | 105.0 | 106.0 | 106.0 |
| District 3 | 362.0 | 362.0 | 353.0 |
| District 4 | 76.0 | 76.0 | 76.0 |
| District 5 | 20.0 | 20.0 | 22.0 |
| District 6, East Texas Field | 143.0 | 142.0 | 144.0 |
| Other | 113.0 | 112.0 | 115.0 |
| District 7-B | 87.0 | 86.0 | 91.0 |
| District 7-C | 89.0 | 87.0 | 92.0 |
| District 8 and 8-A | 1,276.0 | 1,273.0 | 1,305.0 |
| District 9 | 93.0 | 99.0 | 104.0 |
| District 10 | 55.0 | 55.0 | 57.0 |
| Total Texas | 2,488.0 | 2,487.0 | 2,536.0 |
| Colorado | 82.0 | 82.0 | 81.0 |
| Montana | 84.0 | 84.0 | 85.0 |
| Utah | 63.0 | 63.0 | 63.0 |
| Wyoming | 329.0 | 329.0 | 329.0 |
| Total Dists. 1-4 | 5,834.3 | 5,824.1 | 5,883.0 |
| Alaska | 1,726.7 | 1,677.2 | 1,704.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,116.5 | 1,115.5 | 1,116.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,846.2 | 2,795.7 | 2,823.0 |
| Total U.S. | 8,680.5 | 8,619.8 | 8,706.0 |

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 2/04/83 | PAGE 1 | TOTAL REFINERY INPUT | MINN., WIS., DAKS. | 255 |
| | | | DISTRICT 2 TOTAL | 2,966 |
| | | | TOTAL U.S. | 11,895 |
| | | | DISTRICTS 1-4 | 9,775 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 4 TOTAL | 9,526 |
| | | | TOTAL U.S. | 247,396 |
| | | | DISTRICTS 1-4 | 218,213 |
| | | LEADED MGAS | DISTRICT 4 TOTAL | 4,531 |
| | | | TOTAL U.S. | 102,119 |
| | | | DISTRICTS 1-4 | 92,202 |
| | | BLENDING COMPS | DISTRICT 4 TOTAL | 2,600 |
| | | | TOTAL U.S. | 45,760 |
| | | | DISTRICTS 1-4 | 36,788 |
| | | NAPHTHA JET | DISTRICT 4 TOTAL | 366 |
| | | | TOTAL U.S. | 6,188 |
| | | | DISTRICTS 1-4 | 4,973 |
| | | KEROSINE JET | DISTRICT 4 TOTAL | 700 |
| | | | TOTAL U.S. | 32,603 |
| | | | DISTRICTS 1-4 | 26,862 |
| | | DISTILLATE FUEL | DISTRICT 4 TOTAL | 4,189 |
| | | | TOTAL U.S. | 161,486 |
| | | | DISTRICTS 1-4 | 149,366 |
| | | RESIDUAL FUEL | CENTRAL ATLANTIC | 24,537 |
| | | | DISTRICT 1 TOTAL | 31,180 |
| | | | TOTAL U.S. | 62,628 |
| | | | DISTRICTS 1-4 | 53,921 |
| | | UNFINISHED OILS | DISTRICT 4 TOTAL | 2,650 |
| | | | TOTAL U.S. | 110,368 |
| | | | DISTRICTS 1-4 | 83,085 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 276,417 |
| | | | TOTAL U.S. | 356,903 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 1 | 18,625 |
| | | TOTAL | PAD DISTRICT 4 | 14,455 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 276,417 |
| | | TOTAL | TOTAL U.S. | 356,903 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

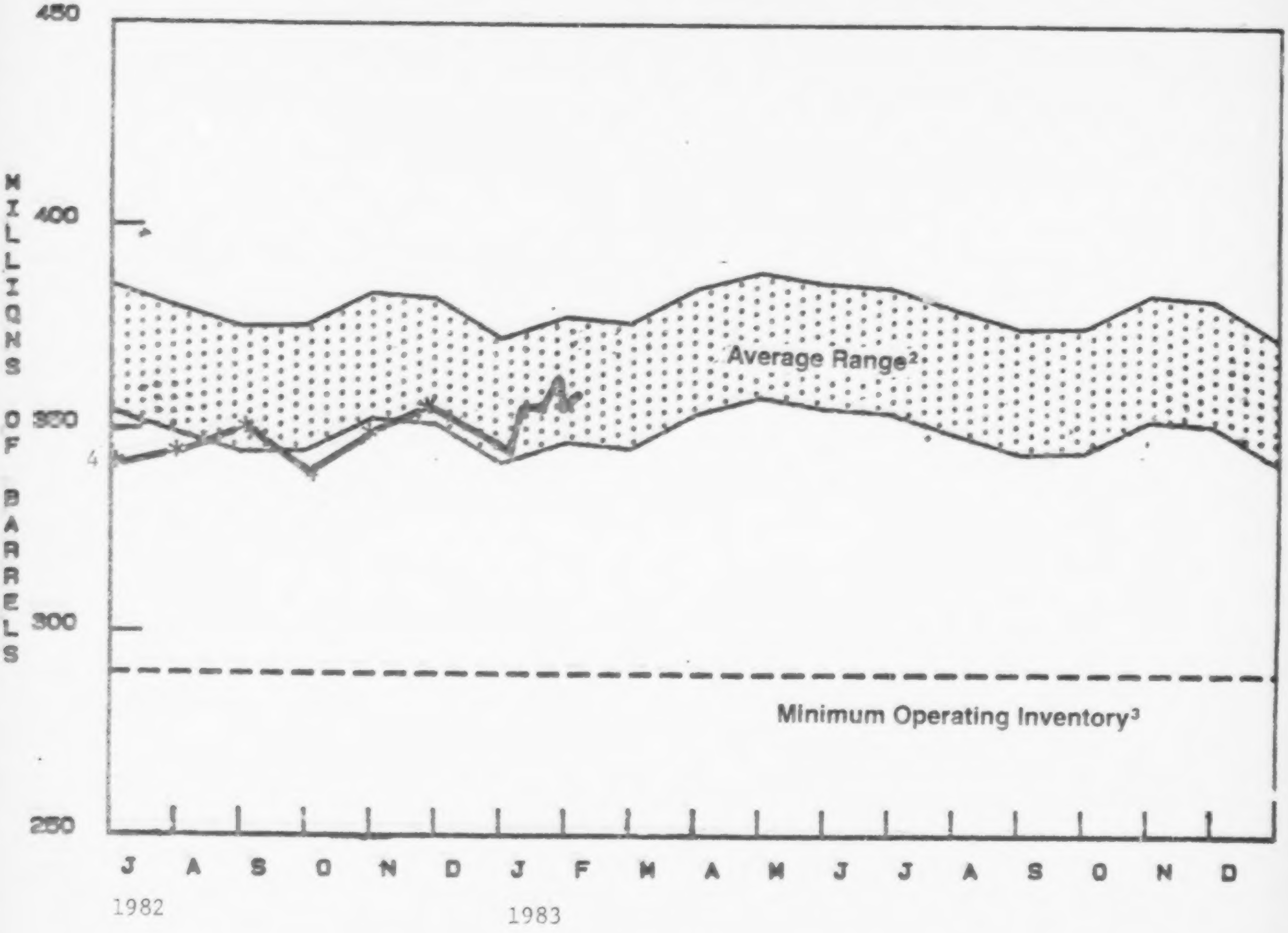
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

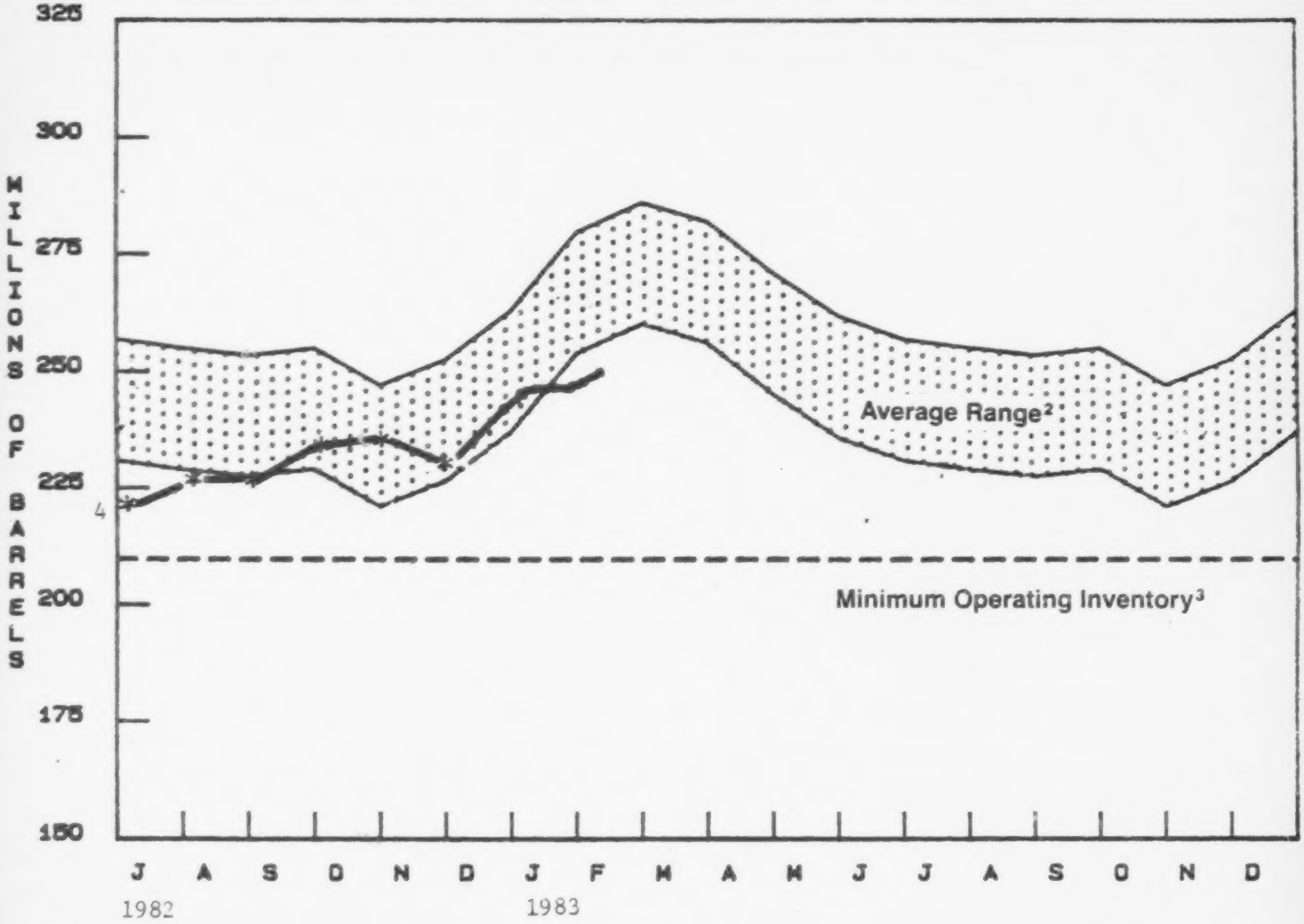
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1][5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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30
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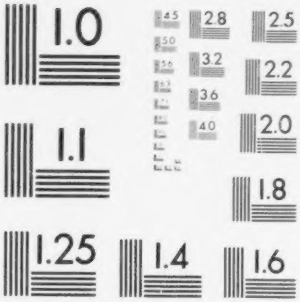
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**American Petroleum Institute**
2101 L Street, Northwest
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# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *FEBRUARY* 18, 1983 **NO.** 7

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 02/18/83 | Last Week Ending: 02/11/83 | Last Year Week Ending: 02/19/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,161 | 11,085 | 11,603 | + 76 | - 442 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 66.4 | 65.9 | 65.1 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 5,971 | 5,858 | 5,804 | + 113 | + 167 |
| Finished leaded motor gasoline production | 2,740 | 2,627 | *N/A* | + 113 | *N/A* |
| Finished unleaded motor gasoline production | 3,231 | 3,231 | *N/A* | 0 | *N/A* |
| Total motor gasoline stocks | 250,953 | 249,783 | 254,597 | + 1,170 | - 3,644 |
| Finished leaded motor gasoline stocks | 104,341 | 102,100 | *N/A* | + 2,241 | *N/A* |
| Finished unleaded motor gasoline stocks | 100,312 | 101,014 | 100,436 | - 702 | - 124 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,122 | 2,254 | 2,389 | - 132 | - 267 |
| Distillate fuel oil stocks | 151,729 | 154,487 | 148,271 | - 2,758 | + 3,458 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 909 | 866 | 1,195 | + 43 | - 286 |
| Residual fuel oil stocks | 54,240 | 59,492 | 66,985 | - 5,252 | - 12,745 |
| Imports | | | | | |
| Crude oil imports | 2,397 | 2,310 | 3,531 | + 87 | - 1,134 |
| Product imports | 1,744 | 1,754 | 1,740 | - 10 | + 4 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 366,472 | 360,483 | 385,213 | + 5,989 | - 18,741 |

*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *FEBRUARY* 18, 1983 **NO.** 7

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,062 | 893 | 932 | 1,569 | 59.4 |
| Appal. No. 1 | 69 | 68 | 70 | 98 | 71.4 |
| **DISTRICT 1 TOTAL** | 1,131 | 961 | 1,002 | 1,667 | 60.1 |
| Appal. No. 2 | 52 | 46 | 51 | 66 | 77.3 |
| Ind., Ill., Ky. | 1,863 | 1,635 | 1,727 | 2,399 | 72.0 |
| Minn., Wis., Daks. | 252 | 237 | 265 | 293 | 90.4 |
| Okla., Kans., Mo. | 718 | 635 | 639 | 858 | 74.5 |
| **DISTRICT 2 TOTAL** | 2,885 | 2,553 | 2,682 | 3,616 | 74.2 |
| Inland Texas | 501 | 451 | 483 | 592 | 81.6 |
| Texas Gulf Coast | 2,875 | 2,691 | 2,760 | 4,164 | 66.3 |
| La. Gulf Coast | 1,704 | 1,467 | 1,527 | 2,708 | 56.4 |
| N. La. and Ark. | 167 | 168 | 172 | 314 | 54.8 |
| New Mexico | 97 | 85 | 91 | 117 | 77.8 |
| **DISTRICT 3 TOTAL** | 5,344 | 4,862 | 5,033 | 7,895 | 63.7 |
| **DISTRICT 4 TOTAL** | 401 | 352 | 359 | 553 | 64.9 |
| **DISTRICT 5 TOTAL** | 2,211 | 2,061 | 2,085 | 3,083 | 67.6 |
| **TOTAL U.S.** | 11,972 | 10,789 | 11,161 | 16,814 | 66.4 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *FEB.* 11, 1983 | 11,765 | 10,757 | 11,085 | 16,814 | 65.9 |
| *FEB.* 19, 1982 | 12,348 | 11,305 | 11,603 | 17,822 | 65.1 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *FEB.* 18, 1983 | 9,761 | 8,728 | 9,076 | 13,731 | 66.1 |
| *FEB.* 11, 1983 | 9,751 | 8,758 | 9,050 | 13,731 | 65.9 |
| *FEB.* 19, 1982 | 10,182 | 9,262 | 9,501 | 14,698 | 64.6 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *FEBRUARY* 18, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 547 | 204 | 343 | 9 | 19 | 190 | 119 |
| Appal. No. 1 | 25 | 10 | 15 | 1 | -- | 16 | 5 |
| **DISTRICT 1 TOTAL** | 572 | 214 | 358 | 10 | 19 | 206 | 124 |
| Appal. No. 2 | 36 | 18 | 18 | -- | 3 | 7 | 1 |
| Ind., Ill., Ky. | 1,098 | 495 | 603 | 16 | 100 | 291 | 98 |
| Minn., Wis., Daks. | 149 | 80 | 69 | 2 | 10 | 49 | 9 |
| Okla., Kans., Mo. | 382 | 239 | 143 | 11 | 24 | 155 | 11 |
| **DISTRICT 2 TOTAL** | 1,665 | 832 | 833 | 29 | 137 | 502 | 119 |
| Inland Texas | 260 | 116 | 144 | 26 | 29 | 97 | 23 |
| Texas Gulf Coast | 1,369 | 470 | 899 | 13 | 245 | 547 | 247 |
| La. Gulf Coast | 858 | 457 | 401 | 11 | 203 | 268 | 72 |
| N. La. and Ark. | 59 | 38 | 21 | 2 | -- | 51 | 10 |
| New Mexico | 30 | 18 | 12 | 10 | 2 | 15 | 2 |
| **DISTRICT 3 TOTAL** | 2,576 | 1,099 | 1,477 | 62 | 479 | 978 | 354 |
| **DISTRICT 4 TOTAL** | 225 | 149 | 76 | 11 | 18 | 88 | 9 |
| **DISTRICT 5 TOTAL** | 933 | 446 | 487 | 65 | 228 | 348 | 303 |
| **TOTAL U.S.** | 5,971 | 2,740 | 3,231 | 177 | 881 | 2,122 | 909 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | |
| *FEB*. 11, 1983 | 5,858 | 2,627 | 3,231 | 186 | 848 | 2,254 | 866 |
| *FEB*. 19, 1982 | 5,804 | *N/A* | *N/A* | 198 | 840 | 2,389 | 1,195 |
| **DISTRICTS 1–4<br>Weeks Ended:** | | | | | | | |
| *FEB*. 18, 1983 | 5,038 | 2,294 | 2,744 | 112 | 653 | 1,774 | 606 |
| *FEB*. 11, 1983 | 4,914 | 2,224 | 2,690 | 136 | 618 | 1,919 | 566 |
| *FEB*. 19, 1982 | 4,977 | *N/A* | *N/A* | 138 | 621 | 2,065 | 743 |

---

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline |  |  | Jet Fuel |  | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
|  |  | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type |  |  |  |
| New England | 6,361 | 3,395 | 2,966 | -- | 53 | 635 | 9,956 | 2,040 | -- |
| Central Atlantic | 33,925 | 14,075 | 15,080 | 4,770 | 322 | 3,926 | 32,984 | 20,351 | 13,871 |
| Lower Atlantic | 26,947 | 13,556 | 13,369 | 22 | 120 | 4,017 | 13,938 | 3,741 | 449 |
| **DISTRICT 1 TOTAL** | 67,233 | 31,026 | 31,415 | 4,792 | 495 | 8,578 | 56,878 | 26,132 | 14,320 |
| **DISTRICT 2 TOTAL** | 77,075 | 35,019 | 31,659 | 10,397 | 1,408 | 7,629 | 46,665 | 5,118 | 16,893 |
| **DISTRICT 3 TOTAL** | 66,090 | 22,836 | 24,377 | 18,877 | 2,394 | 10,403 | 31,805 | 14,337 | 49,567 |
| **DISTRICT 4 TOTAL** | 9,947 | 4,587 | 2,330 | 3,030 | 360 | 585 | 4,091 | 416 | 2,763 |
| **DISTRICT 5 TOTAL** | 30,608 | 10,873 | 10,531 | 9,204 | 1,367 | 5,847 | 12,290 | 8,237 | 27,142 |
| **TOTAL U.S.** | 250,953 | 104,341 | 100,312 | 46,300 | 6,024 | 33,042 | 151,729 | 54,240 | 110,685 |
| **TOTAL U.S. Weeks Ended:** |  |  |  |  |  |  |  |  |  |
| *FEB.* 11, 1983 | 249,783 | 102,100 | 101,014 | 46,669 | 5,931 | 32,564 | 154,487 | 59,492 | 110,789 |
| *FEB.* 19, 1982 | 254,597 | *N/A* | 100,436 | *N/A* | 6,683 | 30,392 | 148,271 | 66,985 | 117,281 |
| **DISTRICTS 1–4 Weeks Ended:** |  |  |  |  |  |  |  |  |  |
| *FEB.* 18, 1983 | 220,345 | 93,468 | 89,781 | 37,096 | 4,657 | 27,195 | 139,439 | 46,003 | 83,543 |
| *FEB.* 11, 1983 | 219,776 | 91,783 | 90,505 | 37,488 | 4,674 | 26,753 | 142,517 | 50,517 | 83,324 |
| *FEB.* 19, 1982 | 224,228 | *N/A* | 88,643 | *N/A* | 5,234 | 23,594 | 135,415 | 55,169 | 91,325 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *SEP 82* | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *FEB. 18, 1983* | 5,823.5 | 5,883.0 | 2,350 | 187 | 282,356 |
| *FEB. 11, 1983* | 5,823.5 | -- | 2,068 | 236 | 278,642● |
| *FEB. 4, 1983* | 5,834.3 | -- | 2,304 | 238 | 276,417 |
| *JAN. 28, 1983* | 5,834.3 | -- | 3,126 | 182 | 276,198 |
| **DISTRICT 5 TOTAL** | | | | | |
| *FEB. 18, 1983* | 2,840.0 | 2,823.0 | 47 | 9 | 84,116 * |
| *FEB. 11, 1983* | 2,840.0 | -- | 242 | 29 | 81,841 |
| *FEB. 4, 1983* | 2,846.2 | -- | 249 | 35 | 80,486 |
| *JAN. 28, 1983* | 2,846.2 | -- | 101 | -- | 85,095 |

**INCLUDES 28,858 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| | | | | | |
|---|---|---|---|---|---|
| **TOTAL U.S.** | | | | | |
| *FEB. 18, 1983* | 8,663.5 | 8,706.0 | 2,397 | 196 | 366,472 * |
| *FEB. 11, 1983* | 8,663.5 | -- | 2,310 | 265 | 360,483● |
| *FEB. 4, 1983* | 8,680.5 | -- | 2,553 | 273 | 356,903 |
| *JAN. 28, 1983* | 8,680.5 | -- | 3,227 | 182 | 361,293 |
| *FEB. 19, 1982* | 8,726.6/A | -- | 3,531 | 246 | 385,213 |

*/A DUE ACTUAL FOR FEBRUARY 1982.*

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| Weeks Ended: | | | | | | | |
| *FEB. 18, 1983* | 19,647 | 79,135 | 167,503 | 16,071 | 282,356 | 84,116 * | 366,472 * |
| *FEB. 11, 1983* | 17,033 | 78,591● | 168,490● | 14,528 | 278,642● | 81,841 | 360,483● |
| *FEB. 19, 1982* | 23,868 | 81,905 | 166,419 | 15,423 | 287,615 | 97,598 | 385,213 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | 127 | 57 | -- | -- | -- | 184 |
| Central Atlantic | 152 | 94 | 58 | 6 | 7 | -- | 579 | 5 | 72 | 55 | 876 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 95 | -- | -- | -- | 95 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *FEB*. 18, 1983 | 152 | 94 | 58 | 6 | 7 | 127 | 731 | 5 | 72 | 55 | 1,155 |
| *FEB*. 11, 1983 | 179 | 127 | 52 | -- | -- | 113 | 633 | 7 | 70 | 153 | 1,155 |
| *FEB*. 4, 1983 | 129 | 71 | 58 | 6 | 43 | 152 | 487 | 10 | 115 | 125 | 1,067 |
| *JAN*. 28, 1983 | 141 | 83 | 58 | 3 | 9 | 86 | 695 | 20 | 14 | 140 | 1,108 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *FEB*. 18, 1983 | -- | -- | -- | -- | -- | 5 | 60 | 262 | 122 | 49 | 498 |
| *FEB*. 11, 1983 | -- | -- | -- | -- | -- | 7 | 68 | 265 | 97 | 82 | 519 |
| *FEB*. 4, 1983 | 3 | -- | 3 | -- | -- | -- | 91 | 280 | 71 | 45 | 490 |
| *JAN*. 28, 1983 | 1 | 1 | -- | -- | -- | 7 | 91 | 310 | 134 | 62 | 605 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *FEB*. 18, 1983 | 42 | 34 | 8 | -- | -- | 7 | 17 | 14 | -- | 11 | 91 |
| *FEB*. 11, 1983 | 39 | 30 | 9 | -- | -- | 7 | 11 | 13 | -- | 10 | 80 |
| *FEB*. 4, 1983 | 34 | 21 | 13 | -- | -- | 6 | 17 | 17 | -- | 10 | 84 |
| *JAN*. 28, 1983 | 42 | 33 | 9 | -- | -- | 7 | 17 | 15 | 33 | -- | 114 |
| **TOTAL U.S.** | 194 | 128 | 66 | 6 | 7 | 139 | 808 | 281 | 194 | 115 | 1,744 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | | | |
| *FEB*. 11, 1983 | 218 | 157 | 61 | -- | -- | 127 | 712 | 285 | 167 | 245 | 1,754 |
| *FEB*. 4, 1983 | 166 | 92 | 74 | 6 | 43 | 158 | 595 | 307 | 186 | 180 | 1,641 |
| *JAN*. 28, 1983 | 184 | 117 | 67 | 3 | 9 | 100 | 803 | 345 | 181 | 202 | 1,827 |
| *FEB*. 19, 1982 | 136 | *N/A* | 68 | -- | 30 | 84 | 895 | 307 | 230 | 48 | 1,740 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

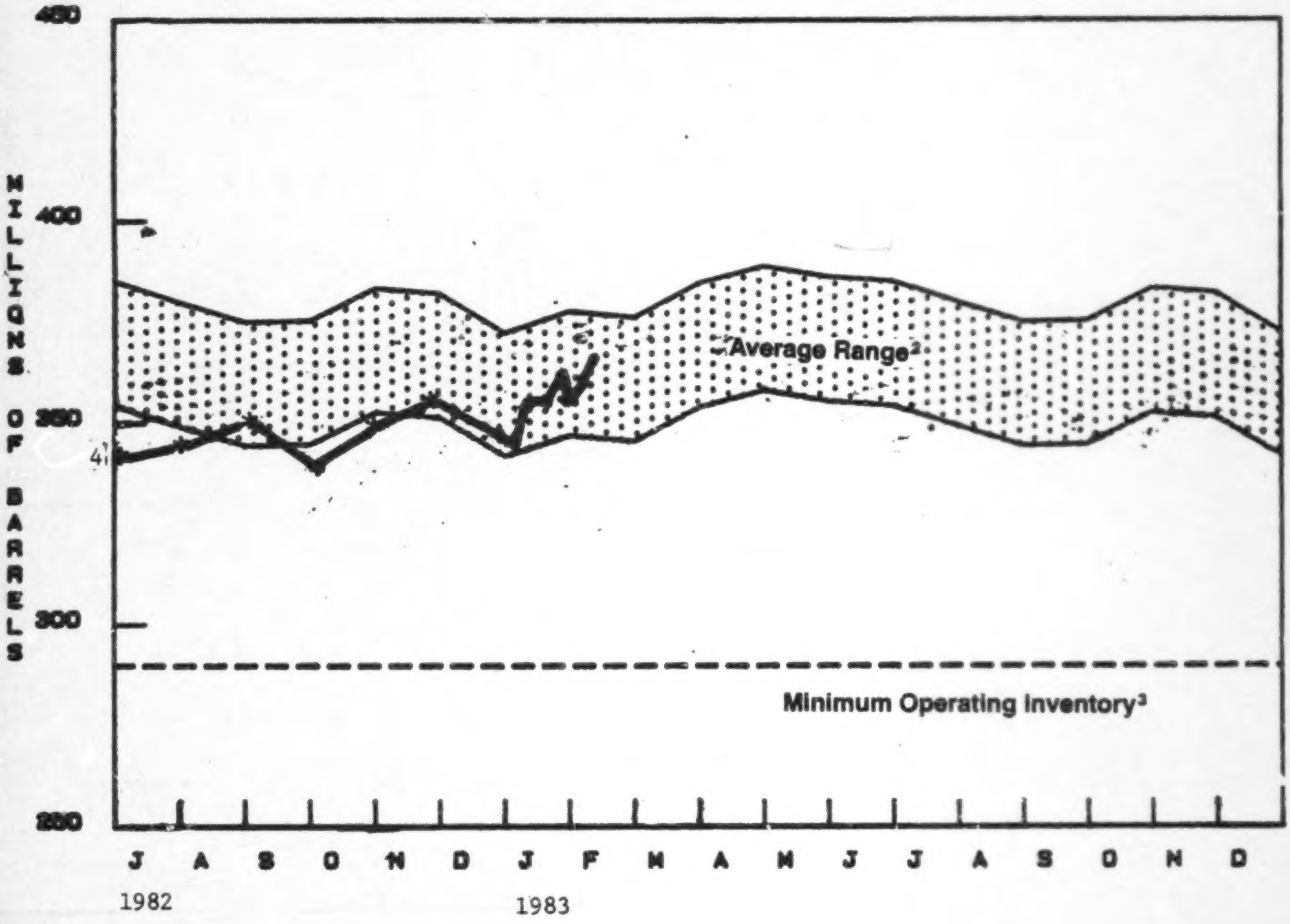
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 2/11/83 | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 278,642 |
| | | | TOTAL U.S. | 360,483 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 2 | 78,591 |
| | | TOTAL | PAD DISTRICT 3 | 168,490 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 278,642 |
| | | TOTAL | TOTAL U.S. | 360,483 |

Week Ended February 18, 1983

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

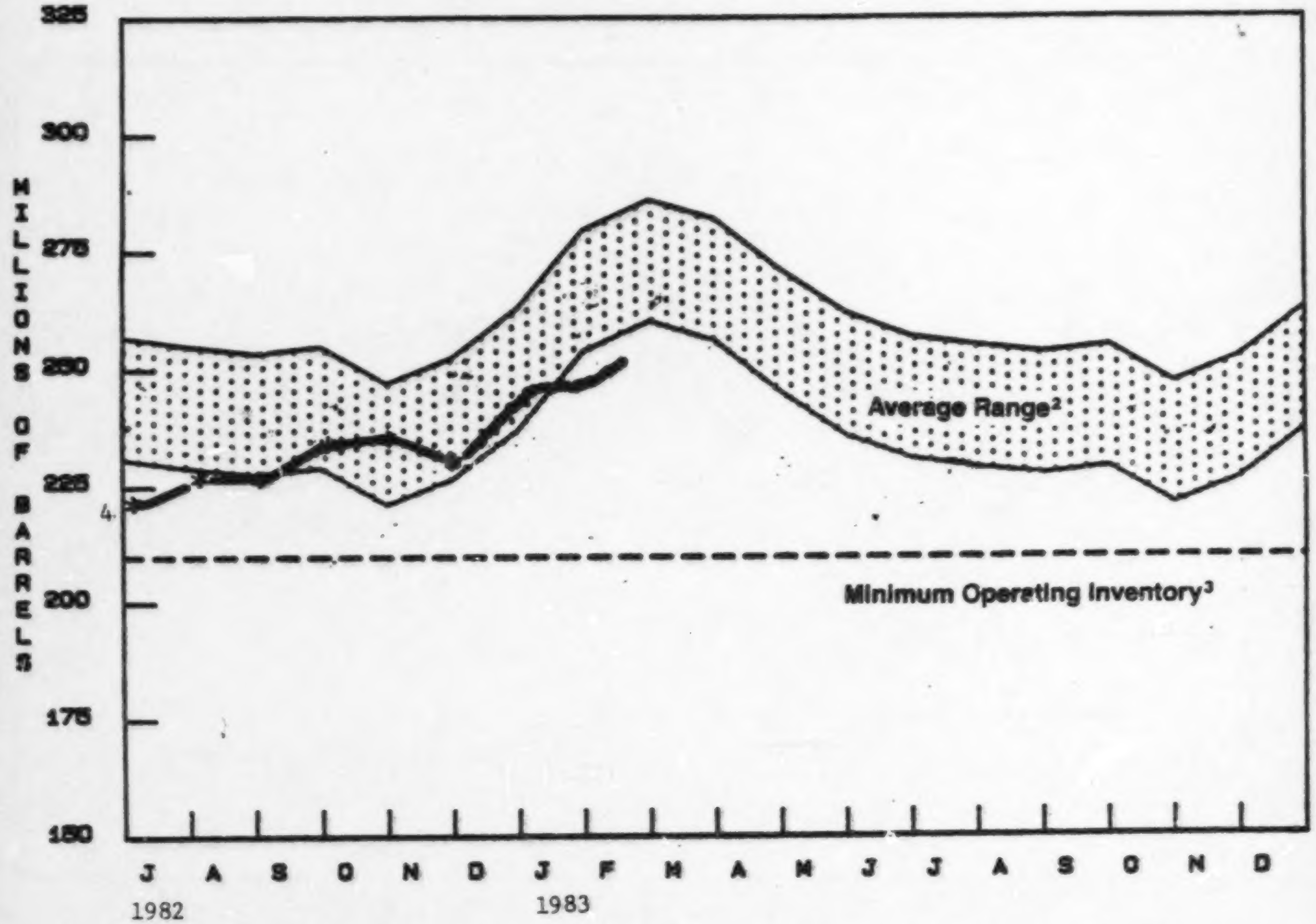
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended February 18, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

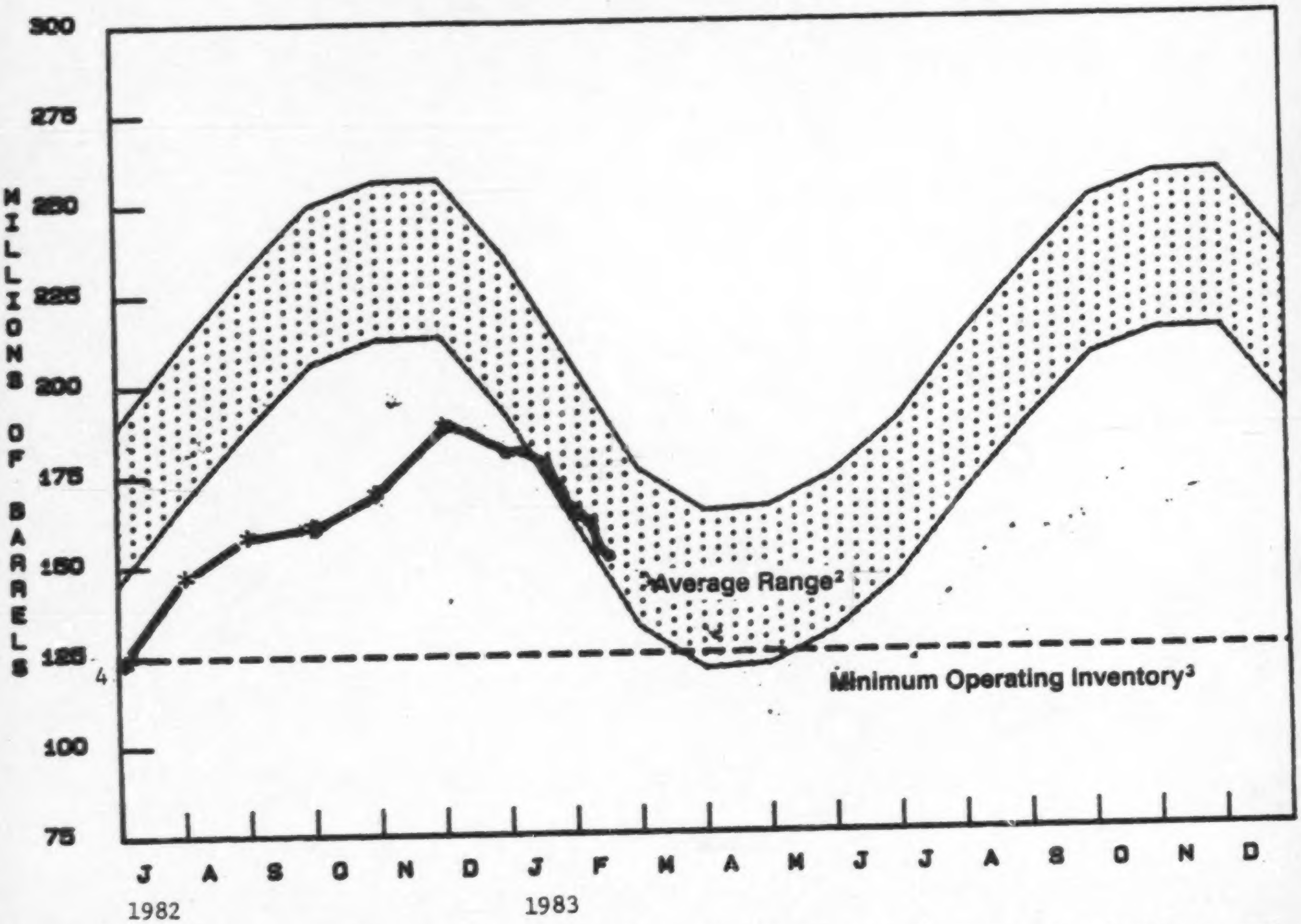
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *FEBRUARY* 25, 1983 **NO.** 8

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 02/25/83 | Last Week Ending: 02/18/83 | Last Year Week Ending: 02/26/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 11,120 | 11,161 | 11,731 | - 41 | - 611 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 66.1 | 66.4 | 65.8 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 5,869 | 5,971 | 5,920 | - 102 | - 51 |
| Finished leaded motor gasoline production | 2,633 | 2,740 | *N/A* | - 107 | *N/A* |
| Finished unleaded motor gasoline production | 3,236 | 3,231 | *N/A* | + 5 | *N/A* |
| Total motor gasoline stocks | 249,989 | 249,953 | 255,175 | + 36 | - 5,186 |
| Finished leaded motor gasoline stocks | 104,967 | 104,341 | *N/A* | + 626 | *N/A* |
| Finished unleaded motor gasoline stocks | 99,916 | 99,312 | 100,136 | + 604 | - 220 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,163 | 2,122 | 2,362 | + 41 | - 199 |
| Distillate fuel oil stocks | 148,024 | 151,729 | 143,554 | - 3,705 | + 4,470 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 904 | 909 | 1,169 | - 5 | - 265 |
| Residual fuel oil stocks | 54,452 | 54,240 | 63,855 | + 212 | - 9,403 |
| **Imports** | | | | | |
| Crude oil imports | 1,772 | 2,397 | 2,660 | - 625 | - 888 |
| Product imports | 1,915 | 1,744 | 1,916 | + 171 | - 1 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 363,559 | 366,857 | 379,799 | - 3,298 | - 16,240 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *FEBRUARY* 25, 1983 **NO.** 8

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper- ated |
|---|---|---|---|---|---|
| East Coast | 1,253 | 921 | 958 | 1,569 | 61.1 |
| Appal. No. 1 | 61 | 60 | 63 | 98 | 64.3 |
| **DISTRICT 1 TOTAL** | 1,314 | 981 | 1,021 | 1,667 | 61.2 |
| Appal. No. 2 | 52 | 46 | 51 | 66 | 77.3 |
| Ind., Ill., Ky. | 1,868 | 1,662 | 1,735 | 2,399 | 72.3 |
| Minn., Wis., Daks. | 257 | 239 | 253 | 293 | 86.3 |
| Okla., Kans., Mo. | 737 | 650 | 658 | 858 | 76.7 |
| **DISTRICT 2 TOTAL** | 2,914 | 2,597 | 2,697 | 3,616 | 74.6 |
| Inland Texas | 513 | 455 | 486 | 592 | 82.1 |
| Texas Gulf Coast | 2,888 | 2,680 | 2,756 | 4,164 | 66.2 |
| La. Gulf Coast | 1,626 | 1,420 | 1,475 | 2,708 | 54.5 |
| N. La. and Ark. | 180 | 171 | 175 | 314 | 55.7 |
| New Mexico | 97 | 84 | 90 | 117 | 76.9 |
| **DISTRICT 3 TOTAL** | 5,304 | 4,810 | 4,982 | 7,895 | 63.1 |
| **DISTRICT 4 TOTAL** | 408 | 357 | 364 | 553 | 65.8 |
| **DISTRICT 5 TOTAL** | 2,083 | 2,031 | 2,056 | 3,083 | 66.7 |
| **TOTAL U.S.** | 12,023 | 10,776 | 11,120 | 16,814 | 66.1 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *FEB*. 18, 1983 | 11,972 | 10,789 | 11,161 | 16,814 | 66.4 |
| *FEB*. 26, 1982 | 12,435 | 11,446 | 11,731 | 17,822 | 65.8 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *FEB*. 25, 1983 | 9,940 | 8,745 | 9,064 | 13,731 | 66.0 |
| *FEB*. 18, 1983 | 9,761 | 8,728 | 9,076 | 13,731 | 66.1 |
| *FEB*. 26, 1982 | 10,400 | 9,480 | 9,716 | 14,698 | 66.1 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *FEBRUARY* 25, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 614 | 282 | 332 | 16 | 20 | 228 | 131 |
| Appal. No. 1 | 23 | 12 | 11 | 1 | -- | 15 | 4 |
| **DISTRICT 1 TOTAL** | 637 | 294 | 343 | 17 | 20 | 243 | 135 |
| Appal. No. 2 | 34 | 10 | 24 | -- | 4 | 7 | 1 |
| Ind., Ill., Ky. | 1,090 | 447 | 643 | 17 | 102 | 301 | 96 |
| Minn., Wis., Daks. | 150 | 86 | 64 | 3 | 5 | 55 | 9 |
| Okla., Kans., Mo. | 391 | 222 | 169 | 9 | 8 | 169 | 15 |
| **DISTRICT 2 TOTAL** | 1,665 | 765 | 900 | 29 | 119 | 532 | 121 |
| Inland Texas | 253 | 125 | 128 | 26 | 22 | 104 | 24 |
| Texas Gulf Coast | 1,274 | 478 | 796 | 22 | 190 | 569 | 256 |
| La. Gulf Coast | 846 | 400 | 446 | 17 | 190 | 246 | 53 |
| N. La. and Ark. | 63 | 42 | 21 | 4 | -- | 46 | 10 |
| New Mexico | 27 | 18 | 9 | 14 | 1 | 21 | 2 |
| **DISTRICT 3 TOTAL** | 2,463 | 1,063 | 1,400 | 83 | 403 | 986 | 345 |
| **DISTRICT 4 TOTAL** | 210 | 137 | 73 | 11 | 18 | 91 | 10 |
| **DISTRICT 5 TOTAL** | 894 | 374 | 520 | 43 | 167 | 311 | 293 |
| **TOTAL U.S.** | 5,869 | 2,633 | 3,236 | 183 | 727 | 2,163 | 904 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *FEB.* 18, 1983 | 5,971 | 2,740 | 3,231 | 177 | 881 | 2,122 | 909 |
| *FEB.* 26, 1982 | 5,920 | *N/A* | *N/A* | 178 | 883 | 2,362 | 1,169 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| *FEB.* 25, 1983 | 4,975 | 2,259 | 2,716 | 140 | 560 | 1,852 | 611 |
| *FEB.* 18, 1983 | 5,038 | 2,294 | 2,744 | 112 | 653 | 1,774 | 606 |
| *FEB.* 26, 1982 | 5,070 | *N/A* | *N/A* | 134 | 627 | 2,086 | 742 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

A-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *FEBRUARY* 25, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 6,587 | 3,194 | 3,393 | -- | 90 | 658 | 10,056 | 1,912 | -- |
| Central Atlantic | 34,138 | 13,767 | 15,675 | 4,696 | 316 | 3,837 | 30,592 | 16,393 | 13,575 |
| Lower Atlantic | 26,370 | 13,218 | 12,913 | 239 | 90 | 4,192 | 14,473 | 7,037 | 449 |
| **DISTRICT 1 TOTAL** | 67,095 | 30,179 | 31,981 | 4,935 | 496 | 8,687 | 55,121 | 25,342 | 14,024 |
| **DISTRICT 2 TOTAL** | 75,225● | 33,805 | 30,704● | 10,716 | 1,429 | 7,986 | 46,867 | 5,035 | 16,750 |
| **DISTRICT 3 TOTAL** | 67,585 | 25,016 | 24,471 | 18,098 | 2,224 | 10,170 | 30,025 | 14,712 | 48,314 |
| **DISTRICT 4 TOTAL** | 9,778 | 4,856 | 2,321 | 2,601 | 333 | 626 | 3,891 | 373 | 2,718 |
| **DISTRICT 5 TOTAL** | 30,306 | 11,111 | 10,439 | 8,756 | 1,350 | 5,679 | 12,120 | 8,990 | 27,845 |
| **TOTAL U.S.** | 249,989 | 104,967 | 99,916 | 45,106 | 5,832 | 33,148 | 148,024 | 54,452 | 109,651 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *FEB.* 18, 1983 | 249,953● | 104,341 | 99,312● | 46,300 | 6,024 | 33,042 | 151,729 | 54,240 | 110,685 |
| *FEB.* 26, 1982 | 255,175 | *N/A* | 100,136 | *N/A* | 6,645 | 30,483 | 143,554 | 63,855 | 117,908 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *FEB.* 25, 1983 | 219,683 | 93,856 | 89,477 | 36,350 | 4,482 | 27,469 | 135,904 | 45,462 | 81,806 |
| *FEB.* 18, 1983 | 219,345● | 93,468 | 88,781● | 37,096 | 4,657 | 27,195 | 139,439 | 46,003 | 83,543 |
| *FEB.* 26, 1982 | 225,353 | *N/A* | 89,076 | *N/A* | 5,382 | 23,617 | 130,483 | 52,871 | 91,479 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | **API Monthly** | **Latest Dept. of Energy** *SEP* 1982 | **Total** | **From Canada** | **Crude Oil Stocks By Location[1]** |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *FEB.* 25, 1983 | 5,823.5 | 5,883.0 | 1,522 | 190 | 278,499 |
| *FEB.* 18, 1983 | 5,823.5 | -- | 2,350 | 187 | 282,741● |
| *FEB.* 11, 1983 | 5,823.5 | -- | 2,068 | 236 | 278,642 |
| *FEB.* 4, 1983 | 5,834.3 | -- | 2,304 | 238 | 276,417 |
| **DISTRICT 5 TOTAL** | | | | | |
| *FEB.* 25, 1983 | 2,840.0 | 2,823.0 | 250 | 20 | 85,060 * |
| *FEB.* 18, 1983 | 2,840.0 | -- | 47 | 9 | 84,116 |
| *FEB.* 11, 1983 | 2,840.0 | -- | 242 | 29 | 81,841 |
| *FEB.* 4, 1983 | 2,846.2 | -- | 249 | 35 | 80,486 |
| **TOTAL U.S.** | | | | | |
| *FEB.* 25, 1983 | 8,663.5 | 8,706.0 | 1,772 | 210 | 363,559 * |
| *FEB.* 18, 1983 | 8,663.5 | -- | 2,397 | 196 | 366,857● |
| *FEB.* 11, 1983 | 8,663.5 | -- | 2,310 | 265 | 360,483 |
| *FEB.* 4, 1983 | 8,680.5 | -- | 2,553 | 273 | 356,903 |
| *FEB.* 26, 1982 | 8,726.6/A | -- | 2,660 | 203 | 379,799 |

**INCLUDES* 29,137 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR FEBRUARY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| **Location** | **District 1** | **District 2** | **District 3** | **District 4** | **Districts 1–4** | **District 5** | **Total U.S.** |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *FEB.* 25, 1983 | 18,360 | 80,797 | 163,232 | 16,110 | 278,499 | 85,060 * | 363,559 * |
| *FEB.* 18, 1983 | 19,647 | 80,013● | 167,503 | 15,578● | 282,741● | 84,116 | 366,857● |
| *FEB.* 26, 1982 | 23,470 | 83,519 | 165,011 | 15,289 | 287,289 | 92,510 | 379,799 |

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[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 247 | -- | -- | -- | 247 |
| Central Atlantic | 115 | 61 | 54 | -- | 15 | 120 | 431 | 6 | 36 | 115 | 838 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 201 | -- | -- | -- | 201 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| FEB. 25, 1983 | 115 | 61 | 54 | -- | 15 | 120 | 879 | 6 | 36 | 115 | 1,286 |
| FEB. 18, 1983 | 152 | 94 | 58 | 6 | 7 | 127 | 731 | 5 | 72 | 55 | 1,155 |
| FEB. 11, 1983 | 179 | 127 | 52 | -- | -- | 113 | 633 | 7 | 70 | 153 | 1,155 |
| FEB. 4, 1983 | 129 | 71 | 58 | 6 | 43 | 152 | 487 | 10 | 115 | 125 | 1,067 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| FEB. 25, 1983 | -- | -- | -- | -- | -- | 5 | 88 | 275 | 100 | 43 | 511 |
| FEB. 18, 1983 | -- | -- | -- | -- | -- | 5 | 60 | 262 | 122 | 49 | 498 |
| FEB. 11, 1983 | -- | -- | -- | -- | -- | 7 | 68 | 265 | 97 | 82 | 519 |
| FEB. 4, 1983 | 3 | -- | 3 | -- | -- | -- | 91 | 280 | 71 | 45 | 490 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| FEB. 25, 1983 | 39 | 29 | 10 | -- | -- | 7 | 50 | 11 | -- | 11 | 118 |
| FEB. 18, 1983 | 42 | 34 | 8 | -- | -- | 7 | 17 | 14 | -- | 11 | 91 |
| FEB. 11, 1983 | 39 | 30 | 9 | -- | -- | 7 | 11 | 13 | -- | 10 | 80 |
| FEB. 4, 1983 | 34 | 21 | 13 | -- | -- | 6 | 17 | 17 | -- | 10 | 84 |
| **TOTAL U.S.** | 154 | 90 | 64 | -- | 15 | 132 | 1,017 | 292 | 136 | 169 | 1,915 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | | | | | |
| FEB. 18, 1983 | 194 | 128 | 66 | 6 | 7 | 139 | 808 | 281 | 194 | 115 | 1,744 |
| FEB. 11, 1983 | 218 | 157 | 61 | -- | -- | 127 | 712 | 285 | 167 | 245 | 1,754 |
| FEB. 4, 1983 | 166 | 92 | 74 | 6 | 43 | 158 | 595 | 307 | 186 | 180 | 1,641 |
| FEB. 26, 1982 | 123 | N/A | 81 | -- | 44 | 89 | 906 | 274 | 442 | 27 | 1,916 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the evious month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

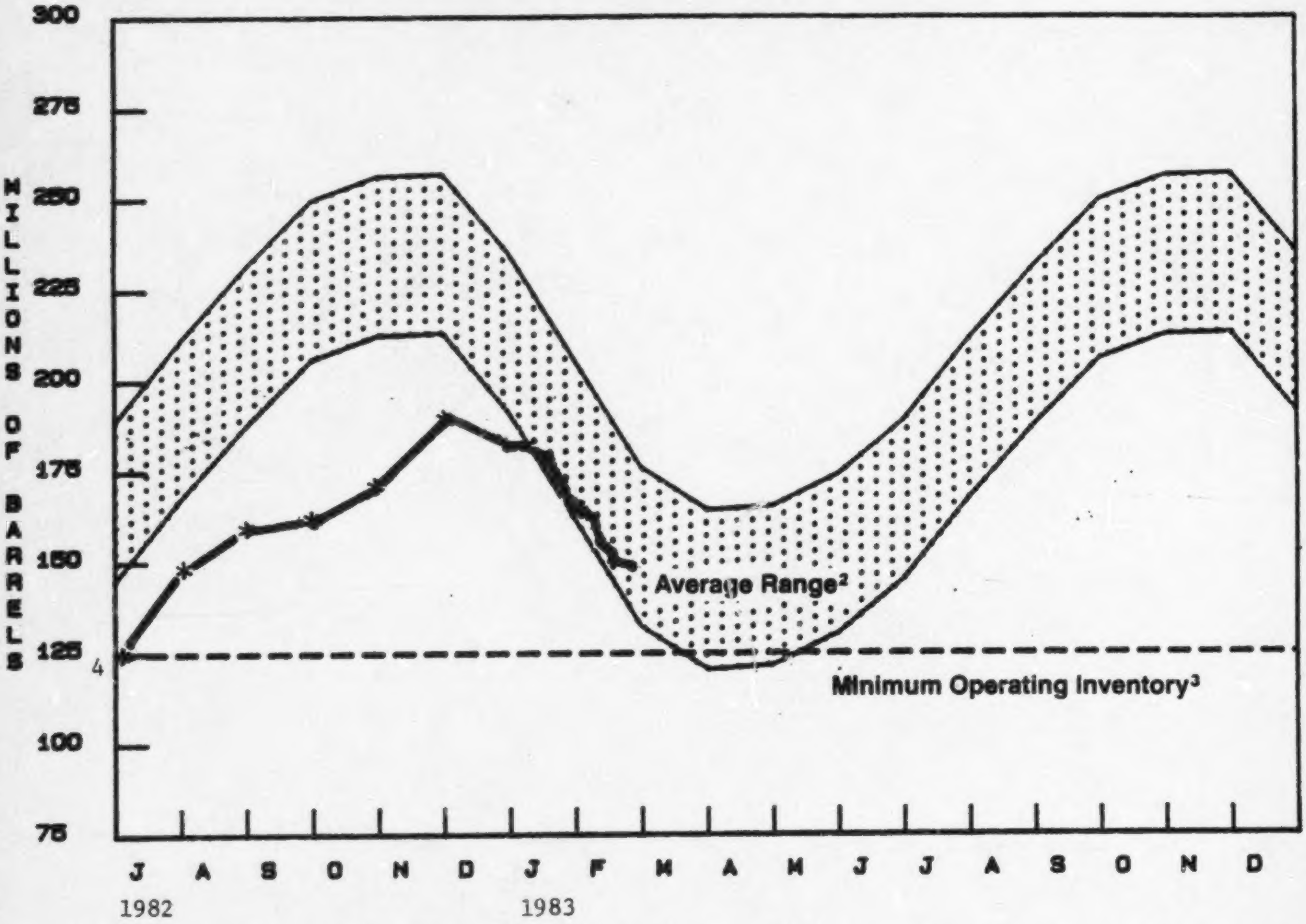
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: FEB. 25, 1983

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 2/18/83 | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 76,075 |
| | | | TOTAL U.S. | 249,953 |
| | | | DISTRICTS 1-4 | 219,345 |
| | | UNLEADED MGAS | DISTRICT 2 TOTAL | 30,659 |
| | | | TOTAL U.S. | 99,312 |
| | | | DISTRICTS 1-4 | 86,781 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 282,741 |
| | | | TOTAL U.S. | 366,857 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 2 | 80,013 |
| | | TOTAL | PAD DISTRICT 4 | 15,578 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 282,741 |
| | | TOTAL | TOTAL U.S. | 366,857 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

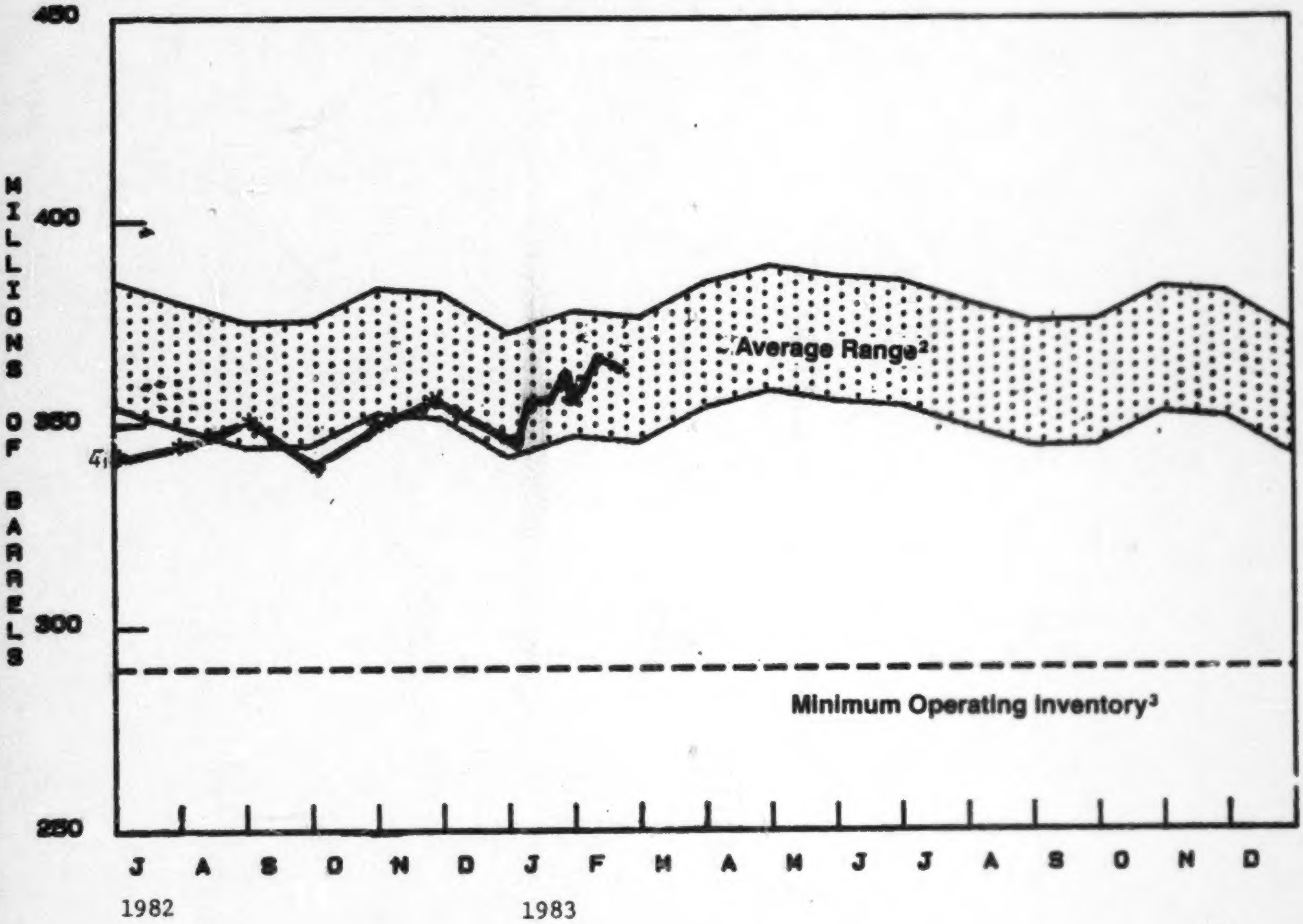
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

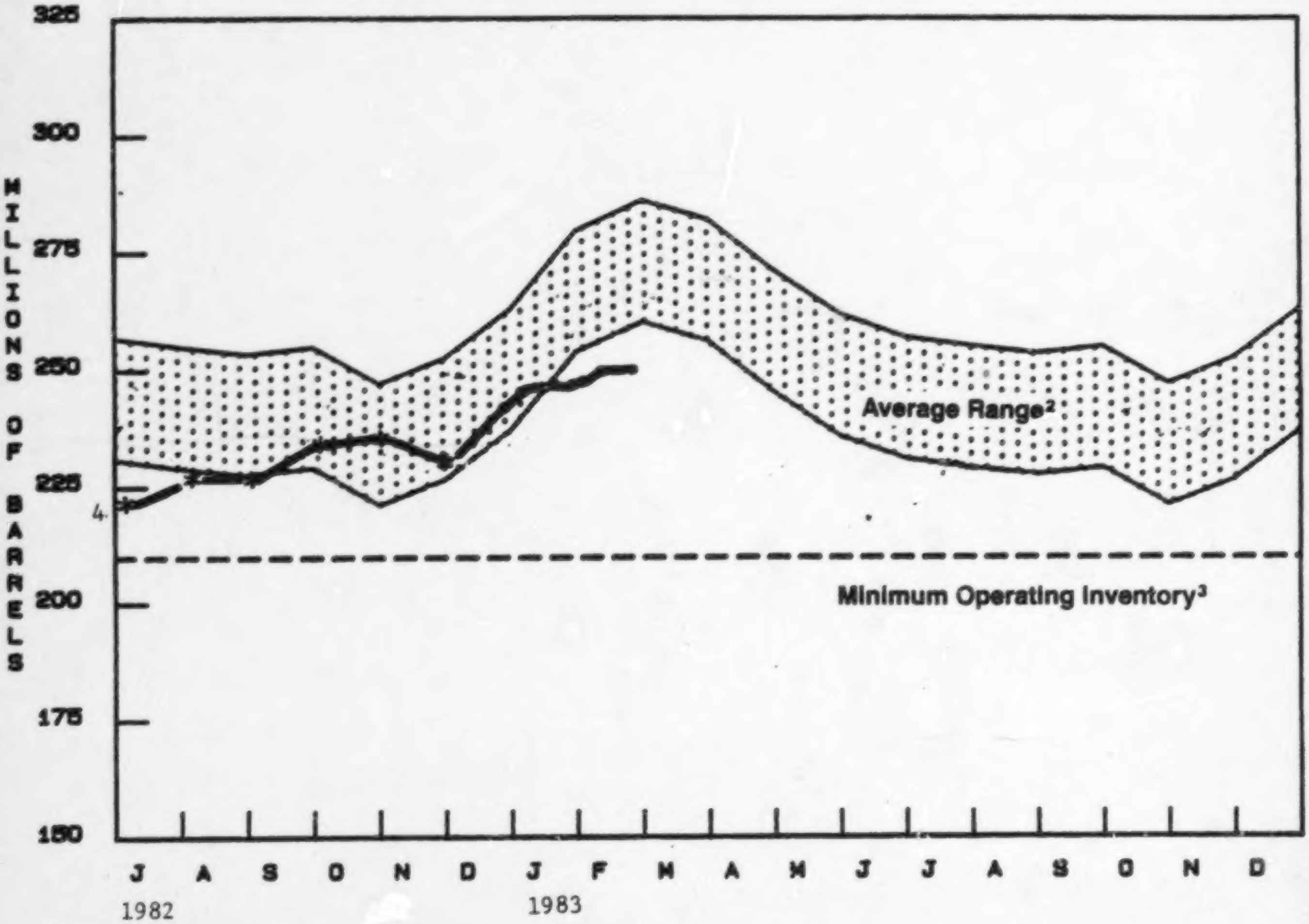
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1][5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

42575-1 3/14/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** MARCH 4, 1983 **NO.** 9

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 03/04/83 | Last Week Ending: 02/25/83 | Last Year Week Ending: 03/05/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,098 | 11,120 | 11,546 | - 22 | - 448 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 66.0 | 66.1 | 64.8 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 5,897 | 5,869 | 5,965 | + 28 | - 68 |
| Finished leaded motor gasoline production | 2,870 | 2,633 | N/A | + 237 | N/A |
| Finished unleaded motor gasoline production | 3,027 | 3,236 | N/A | - 209 | N/A |
| Total motor gasoline stocks | 250,828 | 249,989 | 252,306 | + 839 | - 1,478 |
| Finished leaded motor gasoline stocks | 104,643 | 104,967 | N/A | - 324 | N/A |
| Finished unleaded motor gasoline stocks | 101,823 | 99,916 | 99,314 | + 1,907 | + 2,509 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,109 | 2,163 | 2,313 | - 54 | - 204 |
| Distillate fuel oil stocks | 144,024 | 148,024 | 140,561 | - 4,000 | + 3,463 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 866 | 904 | 1,071 | - 38 | - 205 |
| Residual fuel oil stocks | 52,534 | 54,452 | 61,359 | - 1,918 | - 8,825 |
| Imports | | | | | |
| Crude oil imports | 2,097 | 1,772 | 3,201 | + 325 | - 1,104 |
| Product imports | 2,071 | 1,915 | 1,462 | + 156 | + 609 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 359,002 | 363,559 | 384,314 | - 4,557 | - 25,312 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *MARCH 4, 1983* **NO.** 9

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,102● | 884 | 901 | 1,569 | 57.4 |
| Appal. No. 1 | 63 | 62 | 63 | 98 | 64.3 |
| **DISTRICT 1 TOTAL** | 1,165● | 946 | 964 | 1,667 | 57.8 |
| Appal. No. 2 | 51 | 45 | 51 | 66 | 77.3 |
| Ind., Ill., Ky. | 1,831 | 1,671 | 1,728 | 2,399 | 72.0 |
| Minn., Wis., Daks. | 254 | 238 | 251 | 293 | 85.7 |
| Okla., Kans., Mo. | 718 | 640 | 646 | 858 | 75.3 |
| **DISTRICT 2 TOTAL** | 2,854 | 2,594 | 2,676 | 3,616 | 74.0 |
| Inland Texas | 539 | 453 | 497 | 592 | 84.0 |
| Texas Gulf Coast | 2,898 | 2,630 | 2,728 | 4,164 | 65.5 |
| La. Gulf Coast | 1,747 | 1,527 | 1,570 | 2,708 | 58.0 |
| N. La. and Ark. | 182 | 179 | 179 | 314 | 57.0 |
| New Mexico | 97 | 84 | 89 | 117 | 76.1 |
| **DISTRICT 3 TOTAL** | 5,463 | 4,873 | 5,063 | 7,895 | 64.1 |
| **DISTRICT 4 TOTAL** | 386 | 352 | 356 | 553 | 64.4 |
| **DISTRICT 5 TOTAL** | 2,144 | 1,994 | 2,039 | 3,083 | 66.1 |
| **TOTAL U.S.** | 12,012 | 10,759 | 11,098 | 16,814 | 66.0 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | |
| *FEB. 25, 1983* | 11,911● | 10,776 | 11,120 | 16,814 | 66.1 |
| *MAR. 5, 1982* | 12,328 | 11,294 | 11,546 | 17,822 | 64.8 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | |
| *MAR. 4, 1983* | 9,868 | 8,765 | 9,059 | 13,731 | 66.0 |
| *FEB. 25, 1983* | 9,828● | 8,745 | 9,064 | 13,731 | 66.0 |
| *MAR. 5, 1982* | 10,287 | 9,312 | 9,555 | 14,698 | 65.0 |

● *SEE REVISIONS ON PAGE 7.*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MARCH* 4, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 450 | 169 | 281 | 25 | 13 | 196 | 127 |
| Appal. No. 1 | 30 | 19 | 11 | 1 | -- | 14 | 2 |
| **DISTRICT 1 TOTAL** | 480 | 188 | 292 | 26 | 13 | 210 | 129 |
| Appal. No. 2 | 35 | 18 | 17 | 2 | 3 | 6 | 1 |
| Ind., Ill., Ky. | 1,149 | 559 | 590 | 19 | 82 | 315 | 101 |
| Minn., Wis., Daks. | 143 | 72 | 71 | 3 | 4 | 57 | 7 |
| Okla., Kans., Mo. | 381 | 242 | 139 | 14 | 34 | 158 | 14 |
| **DISTRICT 2 TOTAL** | 1,708 | 891 | 817 | 38 | 123 | 536 | 123 |
| Inland Texas | 255 | 123 | 132 | 25 | 27 | 98 | 18 |
| Texas Gulf Coast | 1,321 | 569 | 752 | 11 | 226 | 564 | 168 |
| La. Gulf Coast | 888 | 457 | 431 | 11 | 187 | 214 | 121 |
| N. La. and Ark. | 65 | 41 | 24 | 5 | -- | 51 | 11 |
| New Mexico | 17 | 11 | 6 | 17 | 2 | 26 | 2 |
| **DISTRICT 3 TOTAL** | 2,546 | 1,201 | 1,345 | 69 | 442 | 953 | 320 |
| **DISTRICT 4 TOTAL** | 197 | 130 | 67 | 7 | 12 | 100 | 8 |
| **DISTRICT 5 TOTAL** | 966 | 460 | 506 | 51 | 227 | 310 | 286 |
| **TOTAL U.S.** | 5,897 | 2,870 | 3,027 | 191 | 817 | 2,109 | 866 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *FEB.* 25, 1983 | 5,869 | 2,633 | 3,236 | 183 | 727 | 2,163 | 904 |
| *MAR.* 5, 1982 | 5,965 | *N/A* | *N/A* | 187 | 877 | 2,313 | 1,071 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *MAR.* 4, 1983 | 4,931 | 2,410 | 2,521 | 140 | 590 | 1,799 | 580 |
| *FEB.* 25, 1983 | 4,975 | 2,259 | 2,716 | 140 | 560 | 1,852 | 611 |
| *MAR.* 5, 1982 | 5,059 | *N/A* | *N/A* | 131 | 672 | 2,021 | 672 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** MARCH 4, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 6,116 | 2,985 | 3,131 | -- | 103 | 590 | 9,255 | 2,009 | -- |
| Central Atlantic | 33,444 | 12,720 | 16,438 | 4,286 | 341 | 4,068 | 28,800 | 18,521 | 13,267 |
| Lower Atlantic | 26,118 | 12,756 | 13,056 | 306 | 94 | 3,916 | 14,407 | 3,292 | 473 |
| **DISTRICT 1 TOTAL** | 65,678 | 28,461 | 32,625 | 4,592 | 538 | 8,574 | 52,462 | 23,822 | 13,740 |
| **DISTRICT 2 TOTAL** | 76,541 | 35,507 | 31,449 | 9,585 | 1,521 | 7,324 | 47,044 | 4,843 | 16,269 |
| **DISTRICT 3 TOTAL** | 68,494 | 24,376 | 24,577 | 19,541 | 2,042 | 11,284 | 28,327 | 14,258 | 47,463 |
| **DISTRICT 4 TOTAL** | 9,831 | 4,859 | 2,318 | 2,654 | 296 | 639 | 3,943 | 369 | 2,717 |
| **DISTRICT 5 TOTAL** | 30,284 | 11,440 | 10,854 | 7,990 | 1,363 | 4,756 | 12,248 | 9,242 | 28,326 |
| **TOTAL U.S.** | 250,828 | 104,643 | 101,823 | 44,362 | 5,760 | 32,577 | 144,024 | 52,534 | 108,515 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| FEB. 25, 1983 | 249,989 | 104,967 | 99,916 | 45,106 | 5,832 | 33,148 | 148,024 | 54,452 | 109,651 |
| MAR. 5, 1982 | 252,306 | N/A | 99,314 | N/A | 6,505 | 30,409 | 140,561 | 61,359 | 117,510 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| MAR. 4, 1983 | 220,544 | 93,203 | 90,969 | 36,372 | 4,397 | 27,821 | 131,776 | 43,292 | 80,189 |
| FEB. 25, 1983 | 219,683 | 93,856 | 89,477 | 36,350 | 4,482 | 27,469 | 135,904 | 45,462 | 81,806 |
| MAR. 5, 1982 | 222,088 | N/A | 88,646 | N/A | 5,217 | 23,603 | 127,805 | 50,142 | 91,031 |

---

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *OCT* 1982 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *MAR.* 4, 1983 | 5,823.5 | 5,860.0 | 1,942 | 216 | 273,448 |
| *FEB.* 25, 1983 | 5,823.5 | -- | 1,522 | 190 | 278,499 |
| *FEB.* 18, 1983 | 5,823.5 | -- | 2,350 | 187 | 282,741 |
| *FEB.* 11, 1983 | 5,823.5 | -- | 2,068 | 236 | 278,642 |
| **DISTRICT 5 TOTAL** | | | | | |
| *MAR.* 4, 1983 | 2,840.0 | 2,824.0 | 155 | 25 | 85,554 * |
| *FEB.* 25, 1983 | 2,840.0 | -- | 250 | 20 | 85,060 |
| *FEB.* 18, 1983 | 2,840.0 | -- | 47 | 9 | 84,116 |
| *FEB.* 11, 1983 | 2,840.0 | -- | 242 | 29 | 81,841 |
| **TOTAL U.S.** | | | | | |
| *MAR.* 4, 1983 | 8,663.5 | 8,684.0 | 2,097 | 241 | 359,002 * |
| *FEB.* 25, 1983 | 8,663.5 | -- | 1,772 | 210 | 363,559 |
| *FEB.* 18, 1983 | 8,663.5 | -- | 2,397 | 196 | 366,857 |
| *FEB.* 11, 1983 | 8,663.5 | -- | 2,310 | 265 | 360,483 |
| *MAR.* 5, 1982 | 8,726.6 | -- | 3,201 | 201 | 384,314 |

*INCLUDES 27,852 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *MAR.* 4, 1983 | 16,733 | 81,669 | 159,200 | 15,846 | 273,448 | 85,554 * | 359,002 * |
| *FEB.* 25, 1983 | 18,360 | 80,797 | 163,232 | 16,110 | 278,499 | 85,060 | 363,559 |
| *MAR.* 5, 1982 | 22,375 | 82,035 | 172,190 | 15,585 | 292,185 | 92,129 | 384,314 |

[1] See definitional notes, Page 6.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 409 | 5 | -- | -- | 414 |
| Central Atlantic | 156 | 66 | 90 | 3 | 16 | 99 | 529 | 5 | 70 | 51 | 929 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 139 | -- | -- | -- | 139 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *MAR. 4, 1983* | 156 | 66 | 90 | 3 | 16 | 99 | 1,077 | 10 | 70 | 51 | 1,482 |
| *FEB. 25, 1983* | 115 | 61 | 54 | -- | 15 | 120 | 879 | 6 | 36 | 115 | 1,286 |
| *FEB. 18, 1983* | 152 | 94 | 58 | 6 | 7 | 127 | 731 | 5 | 72 | 55 | 1,155 |
| *FEB. 11, 1983* | 179 | 127 | 52 | -- | -- | 113 | 633 | 7 | 70 | 153 | 1,155 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *MAR. 4, 1983* | -- | -- | -- | -- | -- | 3 | 120 | 279 | 89 | 17 | 508 |
| *FEB. 25, 1983* | -- | -- | -- | -- | -- | 5 | 88 | 275 | 100 | 43 | 511 |
| *FEB. 18, 1983* | -- | -- | -- | -- | -- | 5 | 60 | 262 | 122 | 49 | 498 |
| *FEB. 11, 1983* | -- | -- | -- | -- | -- | 7 | 68 | 265 | 97 | 82 | 519 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *MAR. 4, 1983* | 37 | 29 | 8 | -- | -- | 6 | 16 | 13 | 1 | 8 | 81 |
| *FEB. 25, 1983* | 39 | 29 | 10 | -- | -- | 7 | 50 | 11 | -- | 11 | 118 |
| *FEB. 18, 1983* | 42 | 34 | 8 | -- | -- | 7 | 17 | 14 | -- | 11 | 91 |
| *FEB. 11, 1983* | 39 | 30 | 9 | -- | -- | 7 | 11 | 13 | -- | 10 | 80 |
| **TOTAL U.S.** | 193 | 95 | 98 | 3 | 16 | 108 | 1,213 | 302 | 160 | 76 | 2,071 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *FEB. 25, 1983* | 154 | 90 | 64 | -- | 15 | 132 | 1,017 | 292 | 136 | 169 | 1,915 |
| *FEB. 18, 1983* | 194 | 128 | 66 | 6 | 7 | 139 | 808 | 281 | 194 | 115 | 1,744 |
| *FEB. 11, 1983* | 218 | 157 | 61 | -- | -- | 127 | 712 | 285 | 167 | 245 | 1,754 |
| *MAR. 5, 1982* | 136 | *N/A* | 68 | -- | 36 | 78 | 735 | 262 | 186 | 19 | 1,462 |

---

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

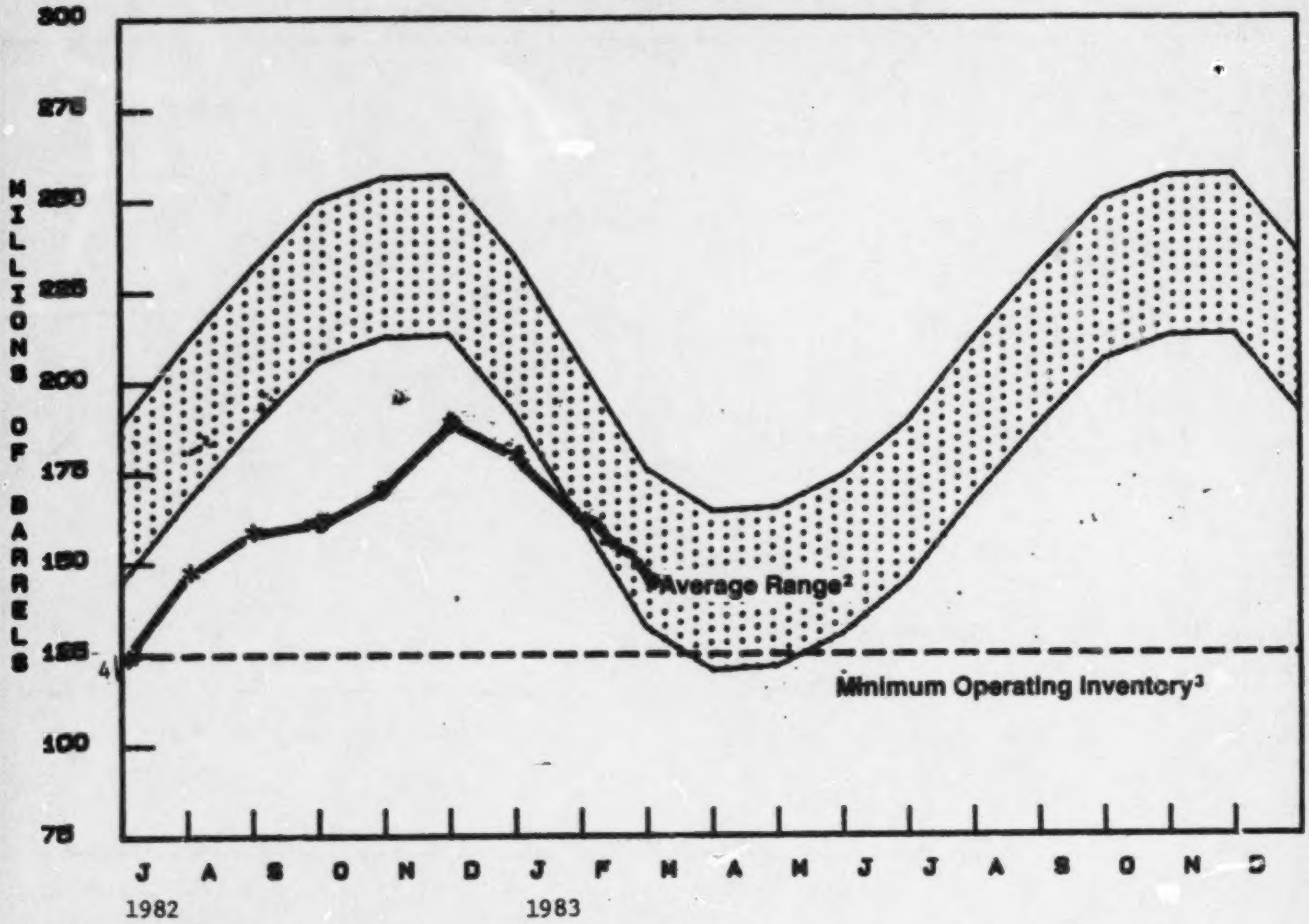
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 2/25/83 | PAGE 1 | TOTAL REFINERY INPUT | EAST COAST | 1,141 |
| | | | DISTRICT 1 TOTAL | 1,202 |
| | | | TOTAL U.S. | 11,911 |
| | | | DISTRICTS 1-4 | 9,828 |

Week Ended March 4, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

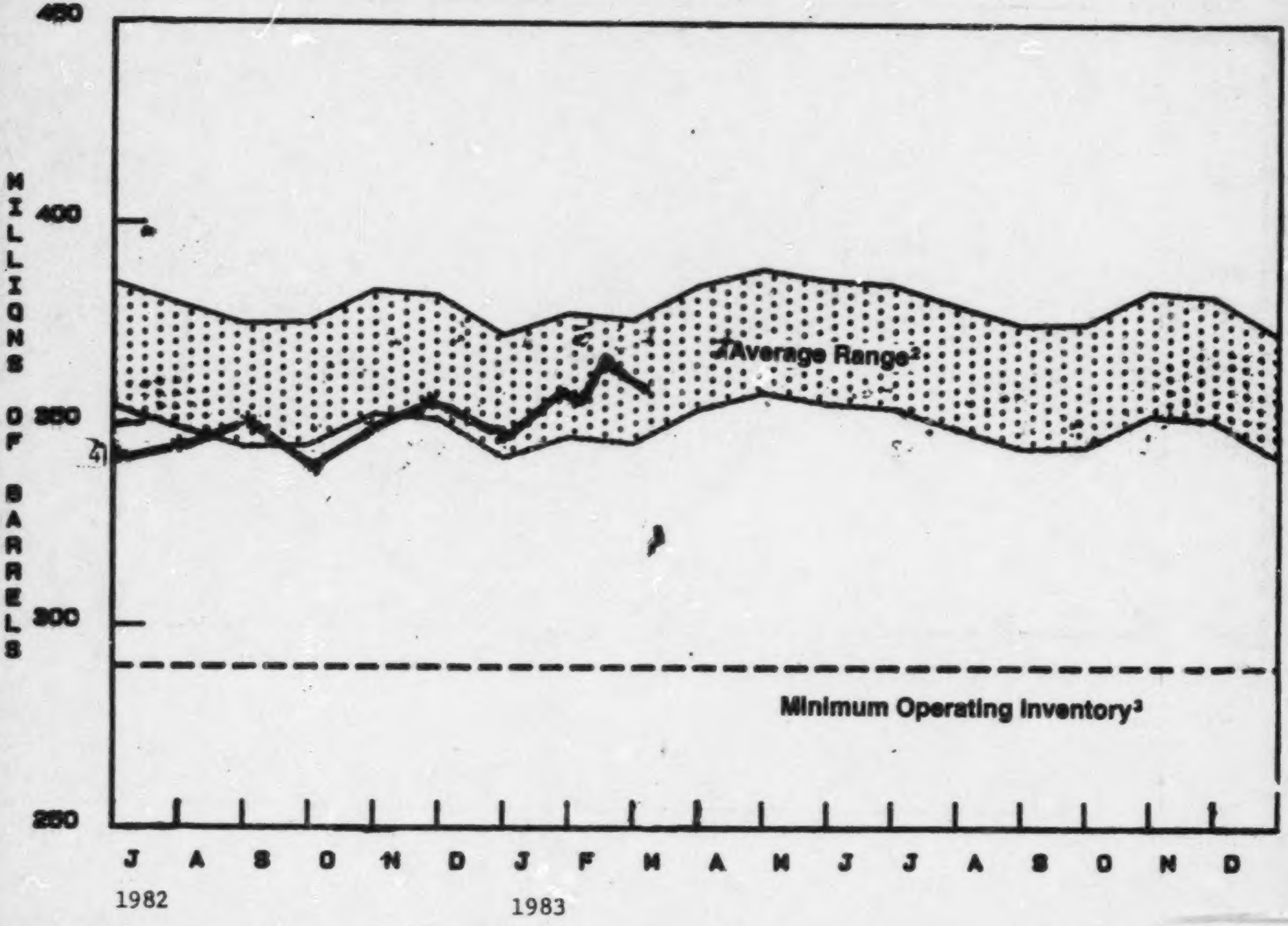
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] 5



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refinerie in pipelines, and in lease tanks and do not include those held in the Strategic Petroleu Reserve.

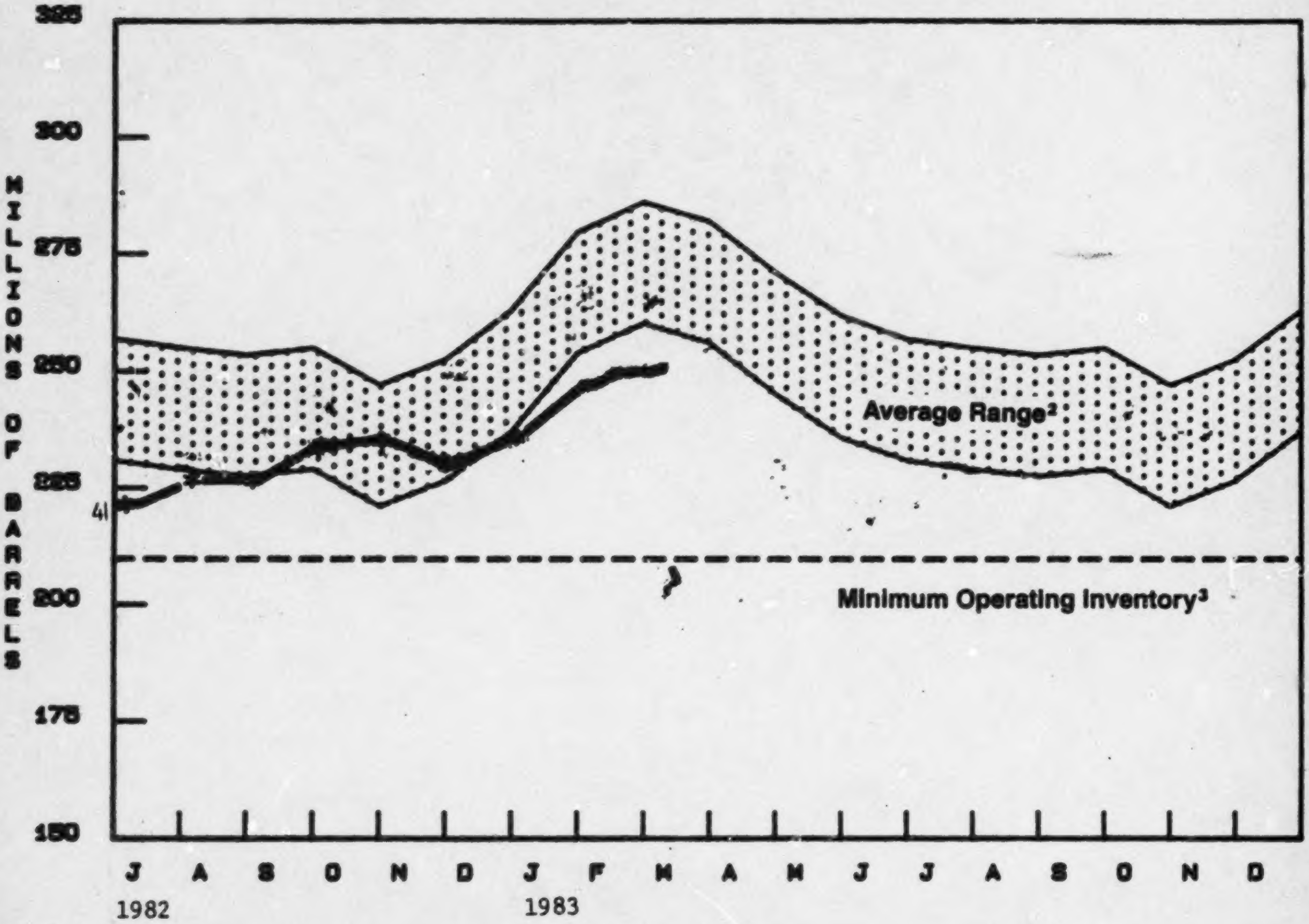
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical_Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating unit and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1,5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 3/21/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** MARCH 11, 1983 **NO.** 10

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 03/11/83 | Last Week Ending: 03/04/83 | Last Year Week Ending: 03/12/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 11,190 | 11,098 | 11,672 | + 92 | - 482 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 66.6 | 66.0 | 65.5 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 5,891 | 5,897 | 6,057 | - 6 | - 166 |
| Finished leaded motor gasoline production | 2,674 | 2,870 | N/A | - 196 | N/A |
| Finished unleaded motor gasoline production | 3,217 | 3,027 | N/A | + 190 | N/A |
| Total motor gasoline stocks | 248,533 | 250,044 | 253,069 | - 1,511 | - 4,536 |
| Finished leaded motor gasoline stocks | 101,978 | 104,549 | N/A | - 2,571 | N/A |
| Finished unleaded motor gasoline stocks | 102,182 | 101,133 | 98,691 | + 1,049 | + 3,491 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,059 | 2,109 | 2,239 | - 50 | - 180 |
| Distillate fuel oil stocks | 141,418 | 144,418 | 135,614 | - 3,000 | + 5,804 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 871 | 866 | 1,133 | + 5 | - 262 |
| Residual fuel oil stocks | 51,703 | 53,123 | 60,705 | - 1,420 | - 9,002 |
| **Imports** | | | | | |
| Crude oil imports | 2,207 | 2,097 | 2,989 | + 110 | - 782 |
| Product imports | 1,550 | 2,071 | 1,853 | - 521 | - 303 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 358,231 | 359,002 | 388,201 | - 771 | - 29,970 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *MARCH* 11, 1983 **NO.** 10

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,037 | 795 | 821 | 1,569 | 52.3 |
| Appal. No. 1 | 69 | 68 | 69 | 98 | 70.4 |
| **DISTRICT 1 TOTAL** | 1,106 | 863 | 890 | 1,667 | 53.4 |
| Appal. No. 2 | 53 | 47 | 52 | 66 | 78.8 |
| Ind., Ill., Ky. | 1,868 | 1,733 | 1,776 | 2,399 | 74.0 |
| Minn., Wis., Daks. | 268 | 252 | 266 | 293 | 90.8 |
| Okla., Kans., Mo. | 681 | 598 | 603 | 858 | 70.3 |
| **DISTRICT 2 TOTAL** | 2,870 | 2,630 | 2,697 | 3,616 | 74.6 |
| Inland Texas | 485 | 428 | 475 | 592 | 80.2 |
| Texas Gulf Coast | 2,951 | 2,646 | 2,758 | 4,164 | 66.2 |
| La. Gulf Coast | 1,935 | 1,758 | 1,813 | 2,708 | 66.9 |
| N. La. and Ark. | 198 | 178 | 196 | 314 | 62.4 |
| New Mexico | 90 | 82 | 83 | 117 | 70.9 |
| **DISTRICT 3 TOTAL** | 5,659 | 5,092 | 5,325 | 7,895 | 67.4 |
| **DISTRICT 4 TOTAL** | 406 | 358 | 365 | 553 | 66.0 |
| **DISTRICT 5 TOTAL** | 1,943 | 1,860 | 1,913 | 3,083 | 62.0 |
| **TOTAL U.S.** | 11,984 | 10,803 | 11,190 | 16,814 | 66.6 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *MAR.* 4, 1983 | 12,012 | 10,759 | 11,098 | 16,814 | 66.0 |
| *MAR.* 12, 1982 | 12,578 | 11,434 | 11,672 | 17,822 | 65.5 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *MAR.* 11, 1983 | 10,041 | 8,943 | 9,277 | 13,731 | 67.6 |
| *MAR.* 4, 1983 | 9,868 | 8,765 | 9,059 | 13,731 | 66.0 |
| *MAR.* 12, 1982 | 10,444 | 9,433 | 9,635 | 14,698 | 65.6 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MARCH* 11, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 495 | 197 | 298 | 5 | 9 | 199 | 111 |
| Appal. No. 1 | 25 | 18 | 7 | 2 | -- | 13 | 4 |
| **DISTRICT 1 TOTAL** | 520 | 215 | 305 | 7 | 9 | 212 | 115 |
| Appal. No. 2 | 33 | 13 | 20 | 2 | 3 | 7 | 1 |
| Ind., Ill., Ky. | 1,154 | 523 | 631 | 26 | 102 | 300 | 65 |
| Minn., Wis., Daks. | 141 | 83 | 58 | 1 | 5 | 59 | 4 |
| Okla., Kans., Mo. | 354 | 201 | 153 | 16 | 28 | 137 | 13 |
| **DISTRICT 2 TOTAL** | 1,682 | 820 | 862 | 45 | 138 | 503 | 83 |
| Inland Texas | 217 | 107 | 110 | 27 | 26 | 107 | 12 |
| Texas Gulf Coast | 1,342 | 508 | 834 | 37 | 217 | 554 | 159 |
| La. Gulf Coast | 884 | 433 | 451 | 1 | 189 | 240 | 195 |
| N. La. and Ark. | 72 | 41 | 31 | 6 | -- | 48 | 13 |
| New Mexico | 25 | 5 | 20 | 16 | 1 | 26 | 3 |
| **DISTRICT 3 TOTAL** | 2,540 | 1,094 | 1,446 | 87 | 433 | 975 | 382 |
| **DISTRICT 4 TOTAL** | 204 | 126 | 78 | 13 | 22 | 90 | 9 |
| **DISTRICT 5 TOTAL** | 945 | 419 | 526 | 36 | 232● | 279 | 282 |
| **TOTAL U.S.** | 5,891 | 2,674 | 3,217 | 188 | 834 | 2,059 | 871 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | |
| *MAR.* 4, 1983 | 5,897 | 2,870 | 3,027 | 191 | 801● | 2,109 | 866 |
| *MAR.* 12, 1982 | 6,057 | *N/A* | *N/A* | 205 | 873 | 2,239 | 1,133 |
| **DISTRICTS 1–4<br>Weeks Ended:** | | | | | | | |
| *MAR.* 11, 1983 | 4,946 | 2,255 | 2,691 | 152 | 602 | 1,780 | 589 |
| *MAR.* 4, 1983 | 4,931 | 2,410 | 2,521 | 140 | 590 | 1,799 | 580 |
| *MAR.* 12, 1982 | 5,231 | *N/A* | *N/A* | 135 | 676 | 1,965 | 723 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

*SEE REVISIONS ON PAGE* 8

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 6,226 | 3,151 | 3,075 | -- | 100 | 517 | 8,888 | 1,978 | -- |
| Central Atlantic | 31,313● | 12,246● | 15,153● | 3,914 | 403 | 3,564 | 27,636● | 19,081● | 13,012 |
| Lower Atlantic | 26,447 | 12,824 | 13,303 | 320 | 131 | 3,586 | 13,267 | 3,960 | 472 |
| **DISTRICT 1 TOTAL** | 63,986● | 28,221● | 31,531● | 4,234 | 634 | 7,667 | 49,791● | 25,019● | 13,484 |
| **DISTRICT 2 TOTAL** | 77,598● | 34,821 | 31,738● | 11,039 | 1,496 | 7,312 | 45,657 | 4,519 | 16,668 |
| **DISTRICT 3 TOTAL** | 67,125 | 24,144 | 25,181 | 17,800 | 1,945 | 11,056 | 29,454 | 13,638 | 48,800 |
| **DISTRICT 4 TOTAL** | 10,021 | 4,846 | 2,798 | 2,377 | 312 | 654 | 3,914 | 382 | 2,694 |
| **DISTRICT 5 TOTAL** | 29,803 | 9,946 | 10,934 | 8,923 | 1,373 | 6,071● | 12,602● | 8,145 | 28,496 |
| **TOTAL U.S.** | 248,533 | 101,978 | 102,182 | 44,373 | 5,760 | 32,760 | 141,418 | 51,703 | 110,142 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| *MAR.* 4, 1983 | 250,044● | 104,549● | 101,133● | 44,362 | 5,760 | 33,556● | 144,418● | 53,123● | 108,515 |
| *MAR.* 12, 1982 | 253,069 | *N/A* | 98,691 | *N/A* | 6,430 | 31,889 | 135,614 | 60,705 | 114,917 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| *MAR.* 11, 1983 | 218,730 | 92,032 | 91,248 | 35,450 | 4,387 | 26,689 | 128,816 | 43,558 | 81,646 |
| *MAR.* 4, 1983 | 219,760● | 93,109● | 90,279● | 36,372 | 4,397 | 27,821 | 131,870● | 43,881● | 80,189 |
| *MAR.* 12, 1982 | 223,379 | *N/A* | 88,085 | *N/A* | 4,955 | 24,736 | 123,456 | 50,060 | 89,198 |

---

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 8

NA-Not Available

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** MARCH 11, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | **API Monthly** | **Latest Dept. of Energy** *OCT* 1982 | **Total** | **From Canada** | **Crude Oil Stocks By Location[1]** |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *MAR.* 11, 1983 | 5,832.4 | 5,860.0 | 2,075 | 201 | 271,937 |
| *MAR.* 4, 1983 | 5,826.9● | -- | 1,942 | 216 | 273,448 |
| *FEB.* 25, 1983 | 5,826.9● | -- | 1,522 | 190 | 278,499 |
| *FEB.* 18, 1983 | 5,826.9● | -- | 2,350 | 187 | 282,741 |
| **DISTRICT 5 TOTAL** | | | | | |
| *MAR.* 11, 1983 | 2,830.0 | 2,824.0 | 132 | 29 | 86,294 * |
| *MAR.* 4, 1983 | 2,827.2● | -- | 155 | 25 | 85,554 |
| *FEB.* 25, 1983 | 2,827.2● | -- | 250 | 20 | 85,060 |
| *FEB.* 18, 1983 | 2,827.2● | -- | 47 | 9 | 84,116 |
| **TOTAL U.S.** | | | | | |
| *MAR.* 11, 1983 | 8,662.4 | 8,684.0 | 2,207 | 230 | 358,231 * |
| *MAR.* 4, 1983 | 8,654.1● | -- | 2,097 | 241 | 359,002 |
| *FEB.* 25, 1983 | 8,654.1● | -- | 1,772 | 210 | 363,559 |
| *FEB.* 18, 1983 | 8,654.1● | -- | 2,397 | 196 | 366,857 |
| *MAR.* 12, 1982 | 8,650.2/A | -- | 2,989 | 159 | 388,201 |

**INCLUDES* 28,059 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR MARCH* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| **Location** | **District 1** | **District 2** | **District 3** | **District 4** | **Districts 1–4** | **District 5** | **Total U.S.** |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *MAR.* 11, 1983 | 17,186 | 82,280 | 156,666 | 15,805 | 271,937 | 86,294 * | 358,231 * |
| *MAR.* 4, 1983 | 16,733 | 81,669 | 158,875● | 16,171● | 273,448 | 85,554 | 359,002 |
| *MAR.* 12, 1982 | 22,184 | 83,356 | 169,136 | 15,616 | 290,292 | 97,909 | 388,201 |

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[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MARCH* 11, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 157 | 106 | 51 | -- | -- | -- | 233 | 2 | 23 | -- | 415 |
| Central Atlantic | -- | -- | -- | 3 | 14 | 73 | 170 | 1 | -- | 143 | 404 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 149 | -- | -- | -- | 149 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *MAR.* 11, 1983 | 157 | 106 | 51 | 3 | 14 | 73 | 552 | 3 | 23 | 143 | 968 |
| *MAR.* 4, 1983 | 156 | 66 | 90 | 3 | 16 | 99 | 1,077 | 10 | 70 | 51 | 1,482 |
| *FEB.* 25, 1983 | 115 | 61 | 54 | -- | 15 | 120 | 879 | 6 | 36 | 115 | 1,286 |
| *FEB.* 18, 1983 | 152 | 94 | 58 | 6 | 7 | 127 | 731 | 5 | 72 | 55 | 1,155 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *MAR.* 11, 1983 | 2 | 1 | 1 | -- | -- | 3 | 74 | 249 | 166 | 24 | 518 |
| *MAR.* 4, 1983 | -- | -- | -- | -- | -- | 3 | 120 | 279 | 89 | 17 | 508 |
| *FEB.* 25, 1983 | -- | -- | -- | -- | -- | 5 | 88 | 275 | 100 | 43 | 511 |
| *FEB.* 18, 1983 | -- | -- | -- | -- | -- | 5 | 60 | 262 | 122 | 49 | 498 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *MAR.* 11, 1983 | 30 | 22 | 8 | -- | -- | 6 | 14 | 6 | -- | 8 | 64 |
| *MAR.* 4, 1983 | 37 | 29 | 8 | -- | -- | 6 | 16 | 13 | 1 | 8 | 81 |
| *FEB.* 25, 1983 | 39 | 29 | 10 | -- | -- | 7 | 50 | 11 | -- | 11 | 118 |
| *FEB.* 18, 1983 | 42 | 34 | 8 | -- | -- | 7 | 17 | 14 | -- | 11 | 91 |
| **TOTAL U.S.** | 189 | 129 | 60 | 3 | 14 | 82 | 640 | 258 | 189 | 175 | 1,550 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *MAR.* 4, 1983 | 193 | 95 | 98 | 3 | 16 | 108 | 1,213 | 302 | 160 | 76 | 2,071 |
| *FEB.* 25, 1983 | 154 | 90 | 64 | -- | 15 | 132 | 1,017 | 292 | 136 | 169 | 1,915 |
| *FEB.* 18, 1983 | 194 | 128 | 66 | 6 | 7 | 139 | 808 | 281 | 194 | 115 | 1,744 |
| *MAR.* 12, 1982 | 209 | *N/A* | 84 | -- | 42 | 84 | 1,020 | 270 | 205 | 12 | 1,853 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected n reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

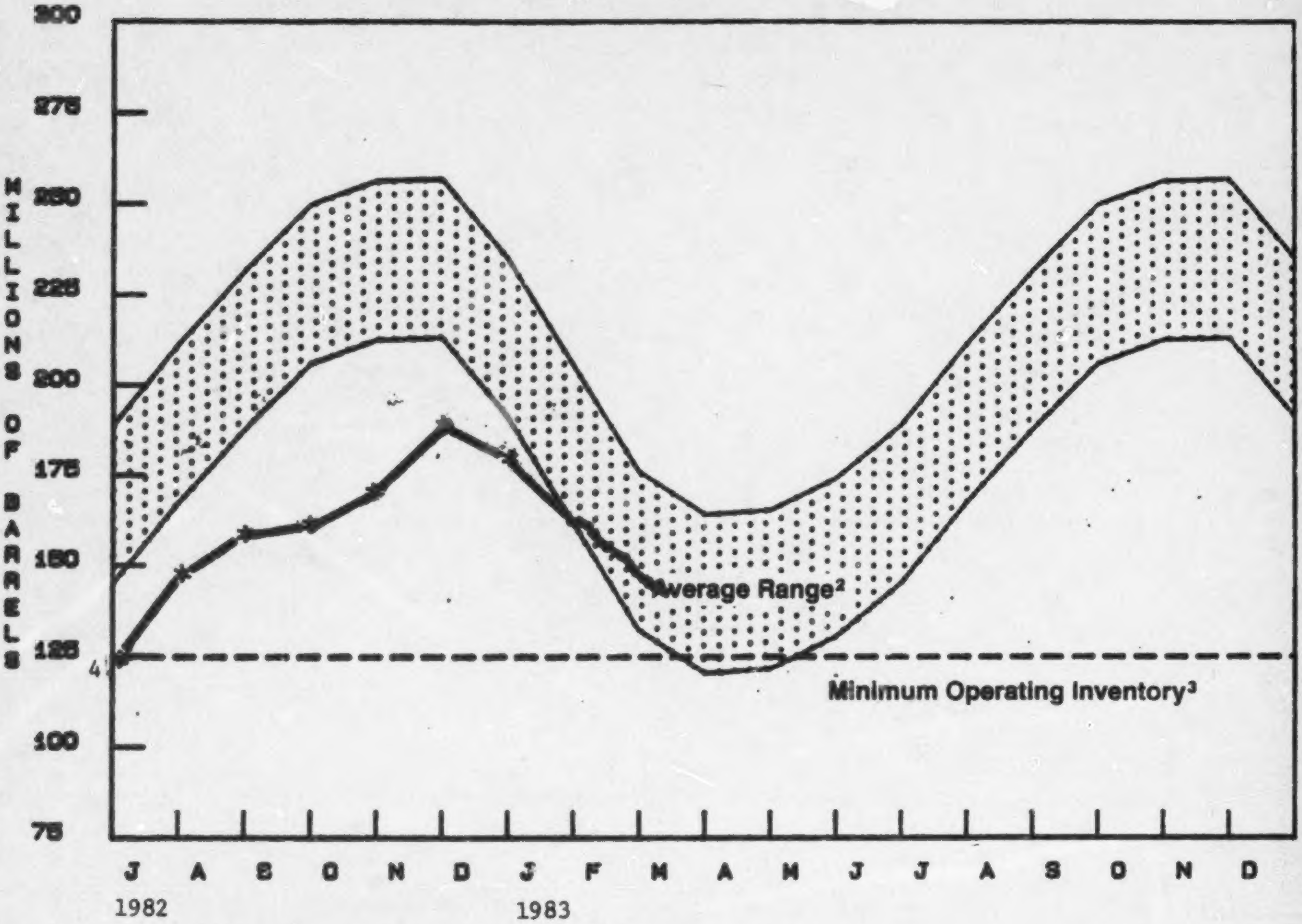
(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | February 1983 | January 1983 | Oct. 1982 |
| Florida | 65.0 | 65.0 | 66.0 |
| New York-Pennsylvania | 12.0 | 12.0 | 12.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 7.0 | 10.0 |
| Illinois | 83.0 | 83.0 | 84.0 |
| Indiana | 13.0 | 13.0 | 13.0 |
| Kansas | 197.0 | 199.0 | 192.0 |
| Kentucky | 18.4 | 18.4 | 18.0 |
| Michigan | 86.0 | 88.0 | 83.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 4.0 |
| Nebraska | 18.0 | 18.0 | 18.0 |
| Ohio | 37.0 | 37.0 | 37.0 |
| Oklahoma | 426.0 | 428.0 | 437.0 |
| North Dakota | 138.0 | 135.4 | 135.0 |
| South Dakota | 3.0 | 3.0 | 3.0 |
| Alabama | 54.0 | 53.0 | 48.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 88.0 | 90.0 | 90.0 |
| New Mexico-So. East | 191.0 | 191.0 | 182.0 |
| New Mexico-Other | 17.5 | 17.5 | 18.0 |
| North Louisiana | 98.0 | 98.0 | 98.0 |
| South Louisiana | 1,190.0 | 1,176.0 | 1,183.0 |
| Total Louisiana | 1,288.0 | 1,274.0 | 1,281.0 |
| Texas | | | |
| District 1 | 68.0 | 69.0 | 69.0 |
| District 2 | 105.0 | 105.0 | 111.0 |
| District 3 | 362.0 | 362.0 | 371.0 |
| District 4 | 74.0 | 76.0 | 76.0 |
| District 5 | 19.0 | 20.0 | 21.0 |
| District 6, East Texas Field | 142.0 | 143.0 | 143.0 |
| Other | 112.0 | 113.0 | 114.0 |
| District 7-B | 86.0 | 87.0 | 90.0 |
| District 7-C | 88.0 | 89.0 | 92.0 |
| District 8 and 8-A | 1,267.0 | 1,276.0 | 1,272.0 |
| District 9 | 95.0 | 93.0 | 105.0 |
| District 10 | 53.0 | 55.0 | 55.0 |
| Total Texas | 2,471.0 | 2,488.0 | 2,519.0 |
| Colorado | 82.0 | 82.0 | 83.0 |
| Montana | 83.0 | 84.0 | 83.0 |
| Utah | 63.0 | 63.0 | 63.0 |
| Wyoming | 329.0 | 329.0 | 329.0 |
| Total Dists. 1-4 | 5,826.9 | 5,834.3 | 5,860.0 |
| Alaska | 1,710.2 | 1,726.7 | 1,705.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,114.0 | 1,116.5 | 1,116.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,827.2 | 2,846.2 | 2,824.0 |
| Total U.S. | 8,654.1 | 8,680.5 | 8,684.0 |

## REVISIONS

| | | | | | |
|---|---|---|---|---|---|
| 3/04/83 | PAGE 2 | | KEROSINE JET | DISTRICT 5 TOTAL | 211 |
| | | | | TOTAL U.S. | 801 |
| | PAGE 3 | | TOTAL MGAS | CENTRAL ATLANTIC | 32,761 |
| | | | | DISTRICT 1 TOTAL | 64,995 |
| | | | | DISTRICT 2 TOTAL | 76,440 |
| | | | | TOTAL U.S. | 250,044 |
| | | | | DISTRICTS 1-4 | 219,760 |
| | | | LEADED MGAS | CENTRAL ATLANTIC | 12,626 |
| | | | | DISTRICT 1 TOTAL | 28,367 |
| | | | | TOTAL U.S. | 104,549 |
| | | | | DISTRICTS 1-4 | 93,109 |
| | | | UNLEADED MGAS | CENTRAL ATLANTIC | 15,849 |
| | | | | DISTRICT 1 TOTAL | 32,036 |
| | | | | DISTRICT 2 TOTAL | 31,348 |
| | | | | TOTAL U.S. | 101,133 |
| | | | | DISTRICTS 1-4 | 90,279 |
| | | | KEROSINE JET | DISTRICT 5 TOTAL | 5,735 |
| | | | | TOTAL U.S. | 33,556 |
| | | | DISTILLATE FUEL | CENTRAL ATLANTIC | 28,894 |
| | | | | DISTRICT 1 TOTAL | 52,556 |
| | | | | DISTRICT 5 TOTAL | 12,548 |
| | | | | TOTAL U.S. | 144,418 |
| | | | | DISTRICTS 1-4 | 131,870 |
| | | | RESIDUAL FUEL | CENTRAL ATLANTIC | 19,110 |
| | | | | DISTRICT 1 TOTAL | 24,411 |
| | | | | TOTAL U.S. | 53,123 |
| | | | | DISTRICTS 1-4 | 43,881 |
| | PAGE 4 | BOTTOM | TOTAL | PAD DISTRICT 3 | 158,875 |
| | | | TOTAL | PAD DISTRICT 4 | 16,171 |

## Distillate Fuel Oil Stocks at Primary Level[1] 5



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

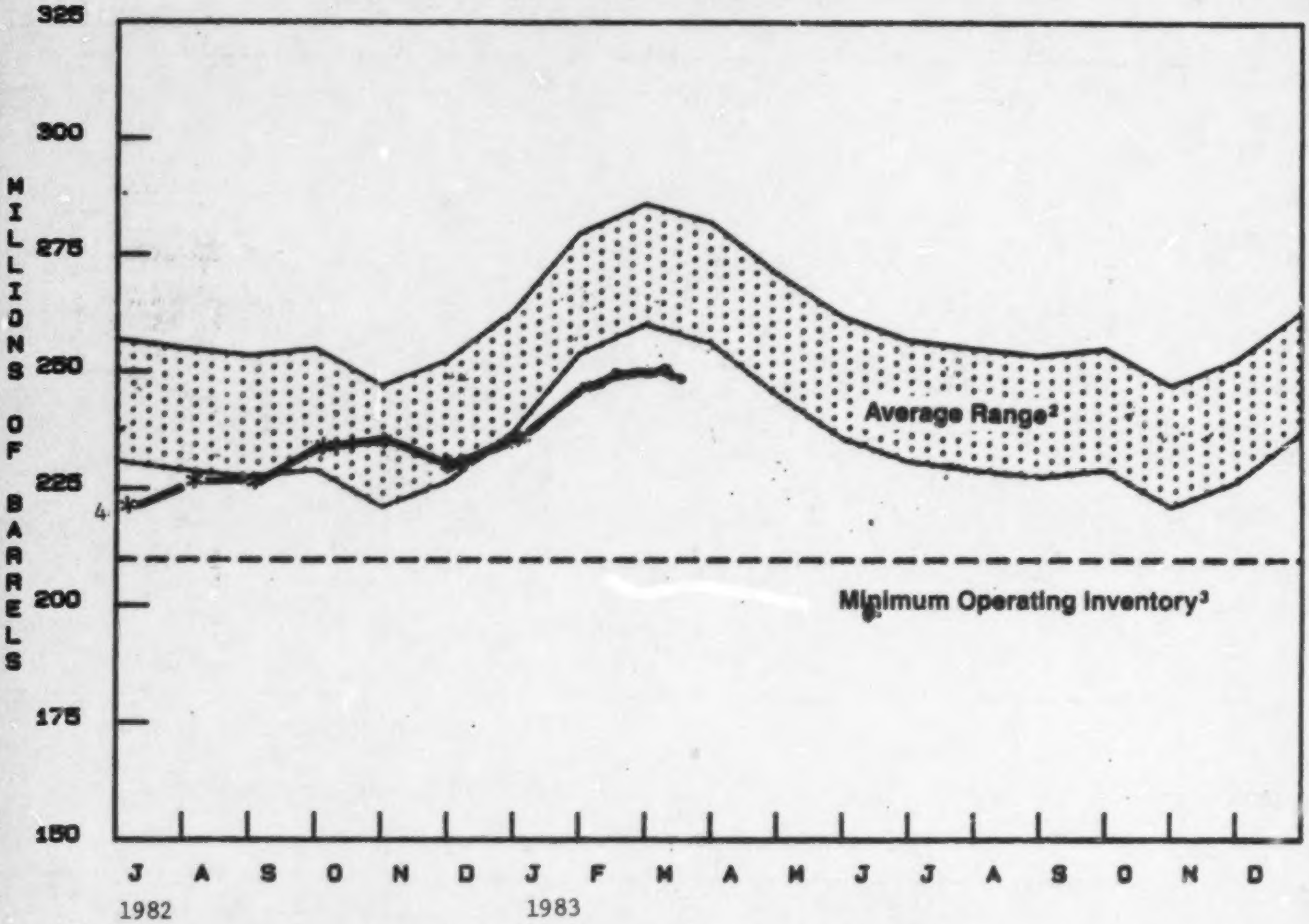
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended March 11, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

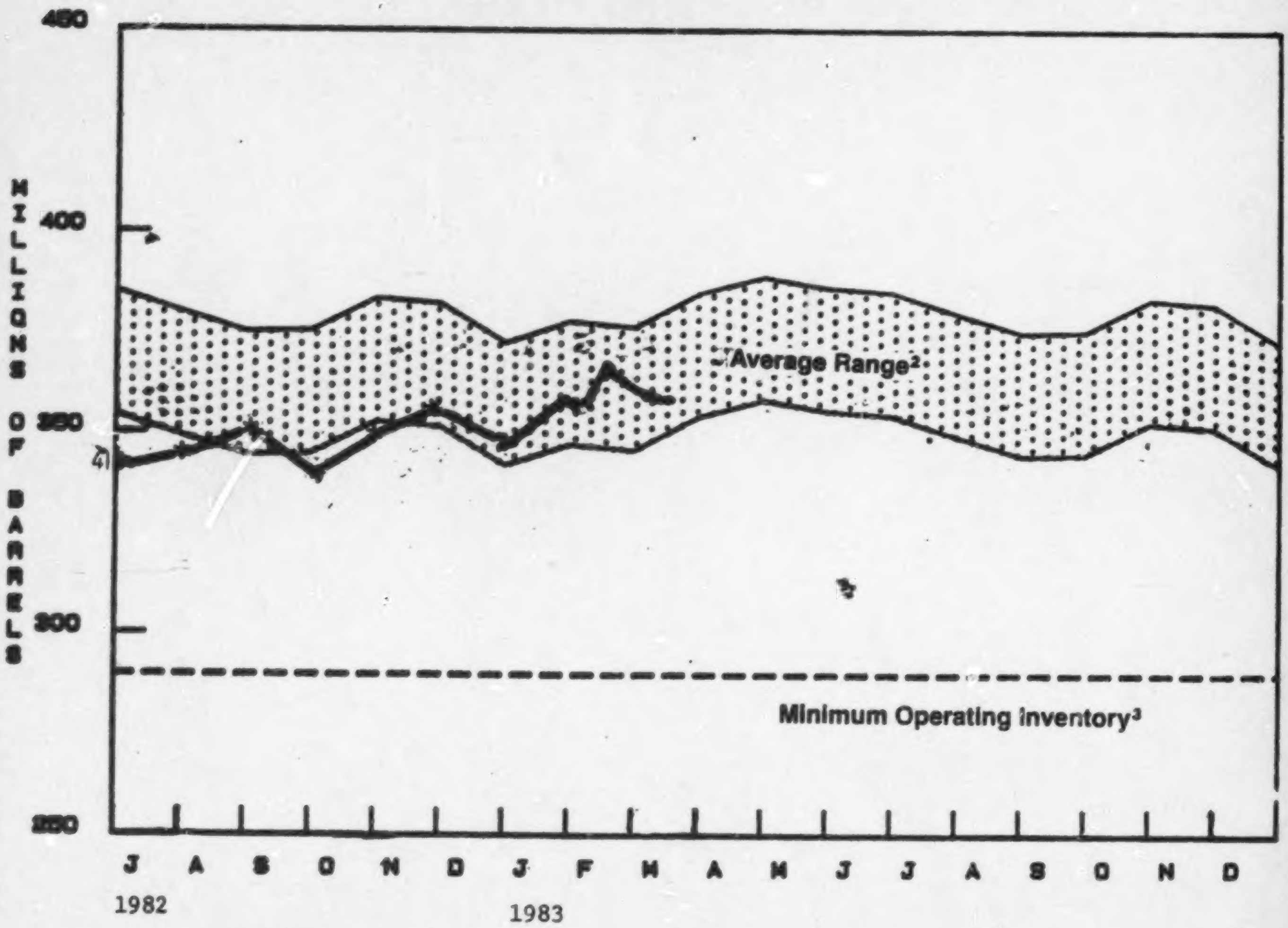
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended March 11, 1983

## Crude Oil Stocks at Primary Level[1] 5



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 3/28/83

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**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** MARCH 18, 1983 **NO.** 11

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 03/18/83 | Last Week Ending: 03/11/83 | Last Year Week Ending: 03/19/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 11,254 | 11,190 | 11,624 | + 64 | - 370 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 66.9 | 66.6 | 65.2 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 5,969 | 5,891 | 6,094 | + 78 | - 125 |
| Finished leaded motor gasoline production | 2,737 | 2,674 | N/A | + 63 | N/A |
| Finished unleaded motor gasoline production | 3,232 | 3,217 | N/A | + 15 | N/A |
| Total motor gasoline stocks | 240,358 | 248,533 | 252,875 | - 8,175 | - 12,517 |
| Finished leaded motor gasoline stocks | 98,280 | 101,978 | N/A | - 3,698 | N/A |
| Finished unleaded motor gasoline stocks | 97,818 | 102,182 | 96,817 | - 4,364 | + 1,001 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 1,964 | 2,059 | 2,296 | - 95 | - 332 |
| Distillate fuel oil stocks | 134,065 | 141,418 | 131,293 | - 7,353 | + 2,772 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 893 | 871 | 1,071 | + 22 | - 178 |
| Residual fuel oil stocks | 47,952 | 51,988 | 59,522 | - 4,036 | - 11,570 |
| **Imports** | | | | | |
| Crude oil imports | 1,722 | 1,722 | 3,110 | 0 | - 1,388 |
| Product imports | 1,705 | 1,550 | 1,624 | + 155 | + 81 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 352,747 | 357,280 | 387,756 | - 4,533 | - 35,009 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *MARCH* 18, 1983 **NO.** 11

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,040 | 804 | 823 | 1,569 | 52.5 |
| Appal. No. 1 | 64 | 64 | 64 | 98 | 65.3 |
| **DISTRICT 1 TOTAL** | 1,104 | 868 | 887 | 1,667 | 53.2 |
| Appal. No. 2 | 54 | 48 | 53 | 66 | 80.3 |
| Ind., Ill., Ky. | 1,855 | 1,658 | 1,706 | 2,399 | 71.1 |
| Minn., Wis., Daks. | 253 | 240 | 254 | 293 | 86.7 |
| Okla., Kans., Mo. | 640 | 573 | 582 | 858 | 67.8 |
| **DISTRICT 2 TOTAL** | 2,802 | 2,519 | 2,595 | 3,616 | 71.8 |
| Inland Texas | 549 | 449 | 494 | 592 | 83.4 |
| Texas Gulf Coast | 2,946 | 2,710 | 2,786 | 4,164 | 66.9 |
| La. Gulf Coast | 2,011 | 1,853 | 1,900 | 2,708 | 70.2 |
| N. La. and Ark. | 202 | 180 | 198 | 314 | 63.1 |
| New Mexico | 101 | 82 | 84 | 117 | 71.8 |
| **DISTRICT 3 TOTAL** | 5,809 | 5,274 | 5,462 | 7,895 | 69.2 |
| **DISTRICT 4 TOTAL** | 405 | 368 | 374 | 553 | 67.6 |
| **DISTRICT 5 TOTAL** | 2,004 | 1,907 | 1,936 | 3,083 | 62.8 |
| **TOTAL U.S.** | 12,124 | 10,936 | 11,254 | 16,814 | 66.9 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *MAR.* 11, 1983 | 11,984 | 10,803 | 11,190 | 16,814 | 66.6 |
| *MAR.* 19, 1982 | 12,556 | 11,311 | 11,624 | 17,822 | 65.2 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *MAR.* 18, 1983 | 10,120 | 9,029 | 9,318 | 13,731 | 67.9 |
| *MAR.* 11, 1983 | 10,041 | 8,943 | 9,277 | 13,731 | 67.6 |
| *MAR.* 19, 1982 | 10,446 | 9,338 | 9,613 | 14,698 | 65.4 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MARCH* 18, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 469 | 138 | 331 | 14 | 34 | 160 | 106 |
| Appal. No. 1 | 15 | 7 | 8 | 1 | -- | 16 | 4 |
| **DISTRICT 1 TOTAL** | 484 | 145 | 339 | 15 | 34 | 176 | 110 |
| Appal. No. 2 | 35 | 19 | 16 | 2 | 4 | 6 | -- |
| Ind., Ill., Ky. | 1,185 | 539 | 646 | 15 | 98 | 290 | 58 |
| Minn., Wis., Daks. | 161 | 99 | 62 | 3 | 10 | 52 | 7 |
| Okla., Kans., Mo. | 356 | 208 | 148 | 6 | 14 | 128 | 15 |
| **DISTRICT 2 TOTAL** | 1,737 | 865 | 872 | 26 | 126 | 476 | 80 |
| Inland Texas | 260 | 152 | 108 | 28 | 27 | 107 | 12 |
| Texas Gulf Coast | 1,312 | 555 | 757 | 28 | 197 | 494 | 175 |
| La. Gulf Coast | 998 | 499 | 499 | 22 | 201 | 255 | 177 |
| N. La. and Ark. | 72 | 50 | 22 | 1 | -- | 54 | 13 |
| New Mexico | 23 | 16 | 7 | 17 | 1 | 24 | 3 |
| **DISTRICT 3 TOTAL** | 2,665 | 1,272 | 1,393 | 96 | 426 | 934 | 380 |
| **DISTRICT 4 TOTAL** | 199 | 127 | 72 | 14 | 12 | 92 | 8 |
| **DISTRICT 5 TOTAL** | 884 | 328 | 556 | 31 | 216 | 286 | 315 |
| **TOTAL U.S.** | 5,969 | 2,737 | 3,232 | 182 | 814 | 1,964 | 893 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | | |
| *MAR*. 11, 1983 | 5,891 | 2,674 | 3,217 | 188 | 834 | 2,059 | 871 |
| *MAR*. 19, 1982 | 6,094 | *N/A* | *N/A* | 215 | 1,008 | 2,296 | 1,071 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | | | |
| *MAR*. 18, 1983 | 5,085 | 2,409 | 2,676 | 151 | 598 | 1,678 | 578 |
| *MAR*. 11, 1983 | 4,946 | 2,255 | 2,691 | 152 | 602 | 1,780 | 589 |
| *MAR*. 19, 1982 | 5,220 | *N/A* | *N/A* | 166 | 797 | 2,001 | 702 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MARCH* 18, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Motor Gasoline Blending Components | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| New England | 5,823 | 2,816 | 3,007 | -- | 111 | 768 | 7,528 | 1,925 | -- |
| Central Atlantic | 29,285 | 11,272 | 13,848 | 4,165 | 305 | 3,439 | 24,942 | 17,517 | 12,774 |
| Lower Atlantic | 27,048 | 13,473 | 13,191 | 384 | 140 | 3,745 | 12,678 | 3,462 | 430 |
| **DISTRICT 1 TOTAL** | 62,156 | 27,561 | 30,046 | 4,549 | 556 | 7,952 | 45,148 | 22,904 | 13,204 |
| **DISTRICT 2 TOTAL** | 73,210 | 33,153 | 29,568 | 10,489 | 1,485 | 7,270 | 44,433 | 4,197 | 16,922 |
| **DISTRICT 3 TOTAL** | 66,053 | 23,809 | 25,019 | 17,225 | 1,864 | 11,553 | 28,394 | 11,900 | 48,524 |
| **DISTRICT 4 TOTAL** | 9,853 | 4,083 | 2,647 | 3,123 | 367 | 647 | 3,862 | 376 | 2,847 |
| **DISTRICT 5 TOTAL** | 29,086 | 9,674 | 10,538 | 8,874 | 1,332 | 5,987 | 12,228 | 8,575● | 27,935 |
| **TOTAL U.S.** | 240,358 | 98,280 | 97,818 | 44,260 | 5,604 | 33,409 | 134,065 | 47,952 | 109,432 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *MAR.* 11, 1983 | 248,533 | 101,978 | 102,182 | 44,373 | 5,760 | 32,760 | 141,418 | 51,988● | 110,142 |
| *MAR.* 19, 1982 | 252,875 | *N/A* | 96,817 | *N/A* | 6,448 | 34,077 | 131,293 | 59,522 | 117,309 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *MAR.* 18, 1983 | 211,272 | 88,606 | 87,280 | 35,386 | 4,272 | 27,422 | 121,837 | 39,377 | 81,497 |
| *MAR.* 11, 1983 | 218,730 | 92,032 | 91,248 | 35,450 | 4,387 | 26,689 | 128,816 | 43,558 | 81,646 |
| *MAR.* 19, 1982 | 223,228 | *N/A* | 86,104 | *N/A* | 5,013 | 26,624 | 119,372 | 49,137 | 90,978 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*
NA-Not Available

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MARCH* 18, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *OCT* 1982 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *MAR*. 18, 1983 | 5,832.4 | 5,860.0 | 1,660 | 220 | 266,963 |
| *MAR*. 11, 1983 | 5,832.4 | -- | 1,590● | 201 | 270,986● |
| *MAR*. 4, 1983 | 5,826.9 | -- | 1,942 | 216 | 272,386● |
| *FEB*. 25, 1983 | 5,826.9 | -- | 1,522 | 190 | 277,544● |
| **DISTRICT 5 TOTAL** | | | | | |
| *MAR*. 18, 1983 | 2,830.0 | 2,824.0 | 62 | 29 | 85,784 * |
| *MAR*. 11, 1983 | 2,830.0 | -- | 132 | 29 | 86,294 |
| *MAR*. 4, 1983 | 2,827.2 | -- | 155 | 25 | 85,554 |
| *FEB*. 25, 1983 | 2,827.2 | -- | 250 | 20 | 85,060 |
| **TOTAL U.S.** | | | | | |
| *MAR*. 18, 1983 | 8,662.4 | 8,684.0 | 1,722 | 249 | 352,747 * |
| *MAR*. 11, 1983 | 8,662.4 | -- | 1,722● | 230 | 357,280● |
| *MAR*. 4, 1983 | 8,654.1 | -- | 2,097 | 241 | 357,940● |
| *FEB*. 25, 1983 | 8,654.1 | -- | 1,772 | 210 | 362,604● |
| *MAR*. 19, 1982 | 8,650.2/A | -- | 3,110 | 167 | 387,756 |

**INCLUDES* 28,176 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR MARCH* 1982.

● *SEE REVISIONS ON PAGE* 7.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *MAR*. 18, 1983 | 15,493 | 81,370 | 154,496 | 15,604 | 266,963 | 85,784 * | 352,747 * |
| *MAR*. 11, 1983 | 16,235● | 82,280 | 156,666 | 15,805 | 270,986● | 86,294 | 357,280● |
| *MAR*. 19, 1982 | 22,512 | 83,777 | 169,317 | 15,676 | 291,282 | 96,474 | 387,756 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** MARCH 18, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 19 | 7 | -- | -- | 26 |
| Central Atlantic | 164 | 113 | 51 | -- | 16 | 42 | 534 | 8 | 9 | 180 | 953 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 91 | -- | -- | -- | 91 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *MAR.* 18, 1983 | 164 | 113 | 51 | -- | 16 | 42 | 644 | 15 | 9 | 180 | 1,070 |
| *MAR.* 11, 1983 | 157 | 106 | 51 | 3 | 14 | 73 | 552 | 3 | 23 | 143 | 968 |
| *MAR.* 4, 1983 | 156 | 66 | 90 | 3 | 16 | 99 | 1,077 | 10 | 70 | 51 | 1,482 |
| *FEB.* 25, 1983 | 115 | 61 | 54 | -- | 15 | 120 | 879 | 6 | 36 | 115 | 1,286 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *MAR.* 18, 1983 | 2 | 1 | 1 | -- | -- | 4 | 65 | 252 | 179 | 17 | 519 |
| *MAR.* 11, 1983 | 2 | 1 | 1 | -- | -- | 3 | 74 | 249 | 166 | 24 | 518 |
| *MAR.* 4, 1983 | -- | -- | -- | -- | -- | 3 | 120 | 279 | 89 | 17 | 508 |
| *FEB.* 25, 1983 | -- | -- | -- | -- | -- | 5 | 88 | 275 | 100 | 43 | 511 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *MAR.* 18, 1983 | 68 | 59 | 9 | -- | -- | 7 | 15 | 18 | -- | 8 | 116 |
| *MAR.* 11, 1983 | 30 | 22 | 8 | -- | -- | 6 | 14 | 6 | -- | 8 | 64 |
| *MAR.* 4, 1983 | 37 | 29 | 8 | -- | -- | 6 | 16 | 13 | 1 | 8 | 81 |
| *FEB.* 25, 1983 | 39 | 29 | 10 | -- | -- | 7 | 50 | 11 | -- | 11 | 118 |
| **TOTAL U.S.** | 234 | 173 | 61 | -- | 16 | 53 | 724 | 285 | 188 | 205 | 1,705 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *MAR.* 11, 1983 | 189 | 129 | 60 | 3 | 14 | 82 | 540 | 258 | 189 | 175 | 1,550 |
| *MAR.* 4, 1983 | 193 | 95 | 98 | 3 | 16 | 108 | 1,213 | 302 | 160 | 76 | 2,071 |
| *FEB.* 25, 1983 | 154 | 90 | 64 | -- | 15 | 132 | 1,017 | 292 | 136 | 169 | 1,915 |
| *MAR.* 19, 1982 | 137 | *N/A* | 79 | -- | 42 | 73 | 683 | 321 | 343 | 17 | 1,624 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

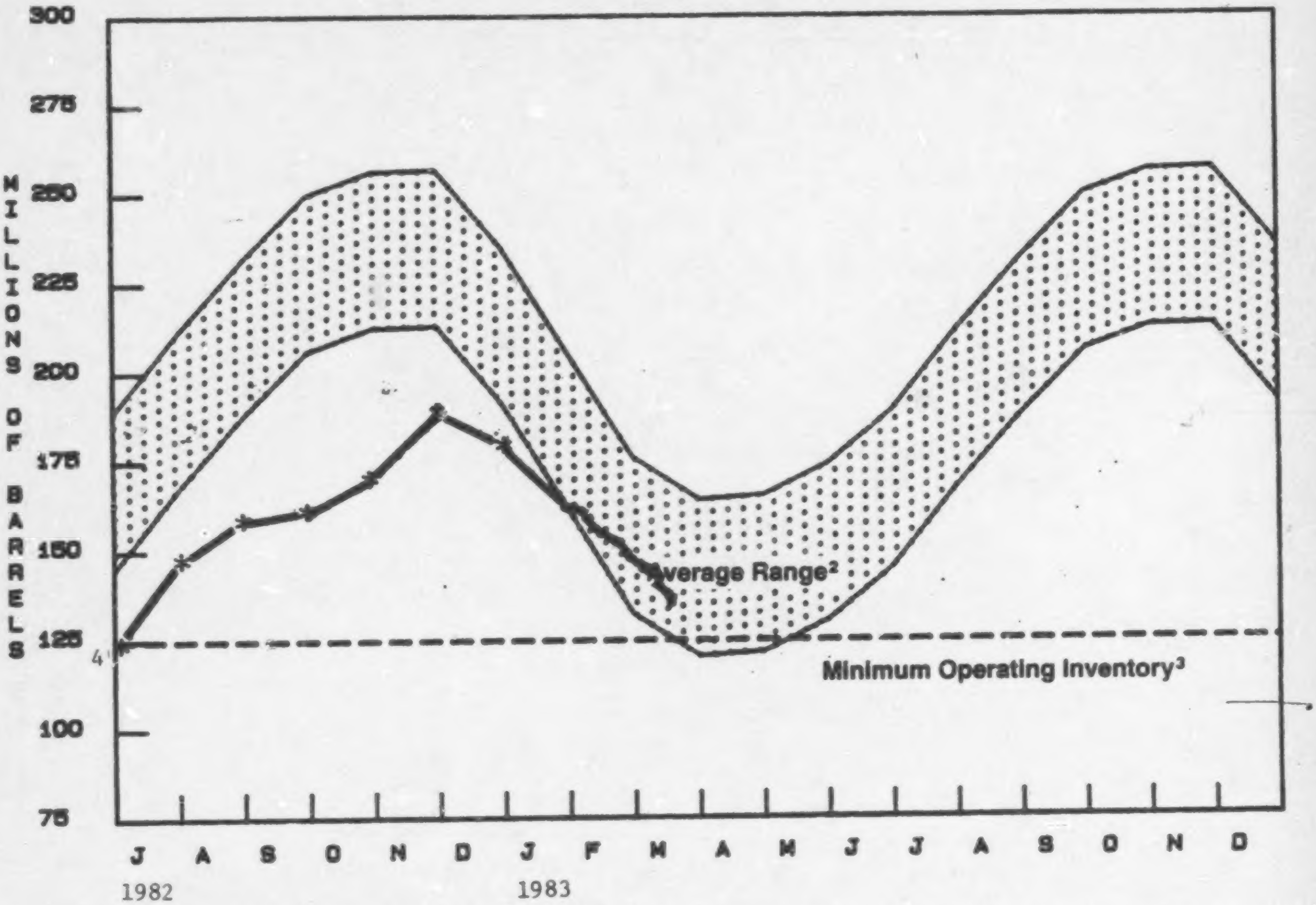
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | | |
|---|---|---|---|---|---|
| 2/25/83 | PAGE 4 | TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 277,544 |
| | | | | TOTAL U.S. | 362,604 |
| | PAGE 4 | BOTTOM | TOTAL | PAD DISTRICT 1 | 17,405 |
| | | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 277,544 |
| | | | TOTAL | TOTAL U.S. | 362,604 |
| 3/04/83 | PAGE 4 | TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 272,386 |
| | | | | TOTAL U.S. | 357,940 |
| | PAGE 4 | BOTTOM | TOTAL | PAD DISTRICT 1 | 15,671 |
| | | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 272,386 |
| | | | TOTAL | TOTAL U.S. | 357,940 |
| 3/11/83 | PAGE 3 | | RESIDUAL FUEL | DISTRICT 5 TOTAL | 8,430 |
| | | | | TOTAL U.S. | 51,988 |
| | PAGE 4 | TOP | TOTAL CRUDE OIL IMPORTS | DISTRICTS 1-4 TOTAL | 1,590 |
| | | | | TOTAL U.S. | 1,722 |
| | | | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 270,986 |
| | | | | TOTAL U.S. | 357,280 |
| | PAGE 4 | BOTTOM | TOTAL | PAD DISTRICT 1 | 16,235 |
| | | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 270,986 |
| | | | TOTAL | TOTAL U.S. | 357,280 |

Week Ended March 18. 1983

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

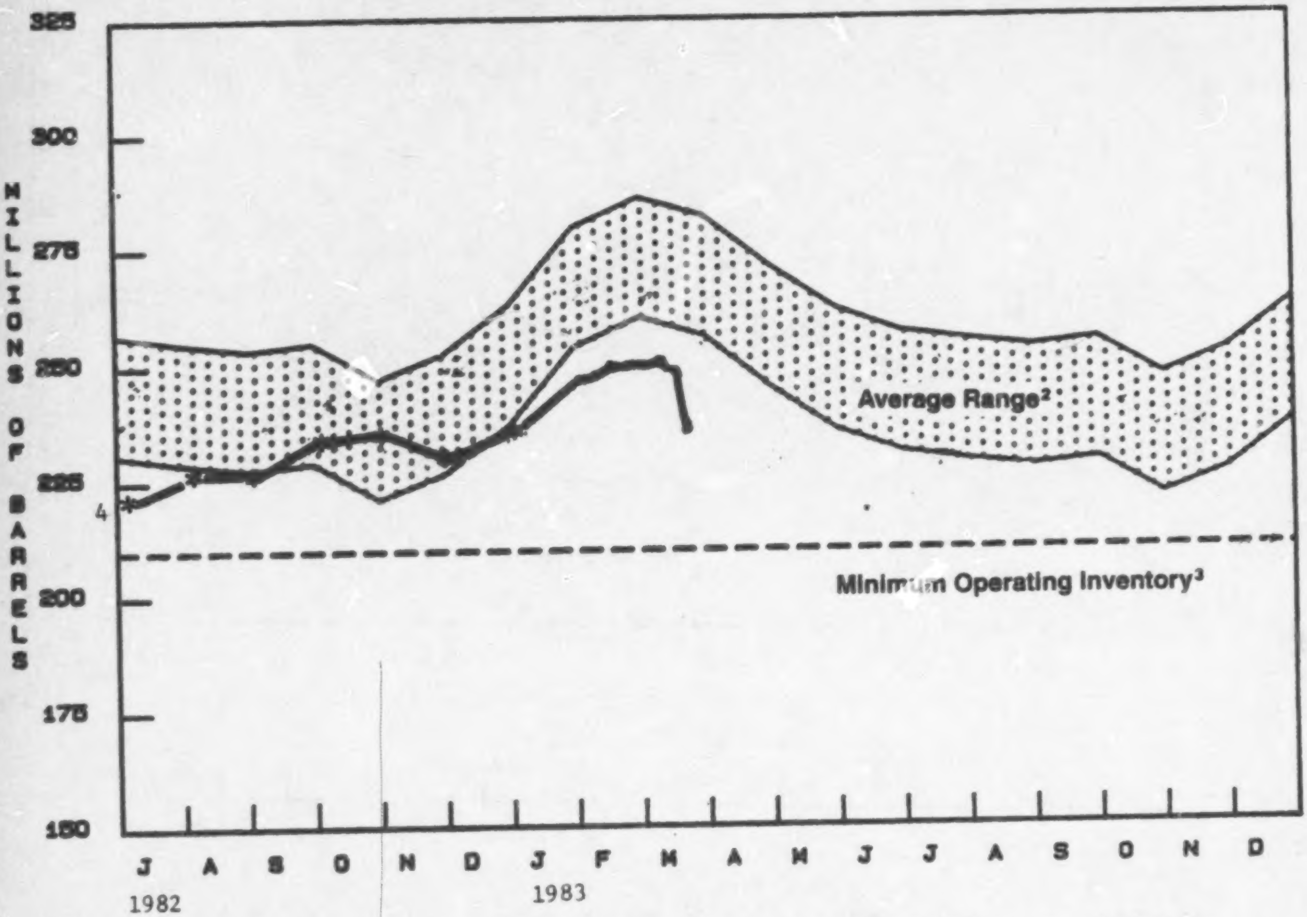
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended March 18, 1983

## Motor Gasoline Stocks at Primary Level[1,5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

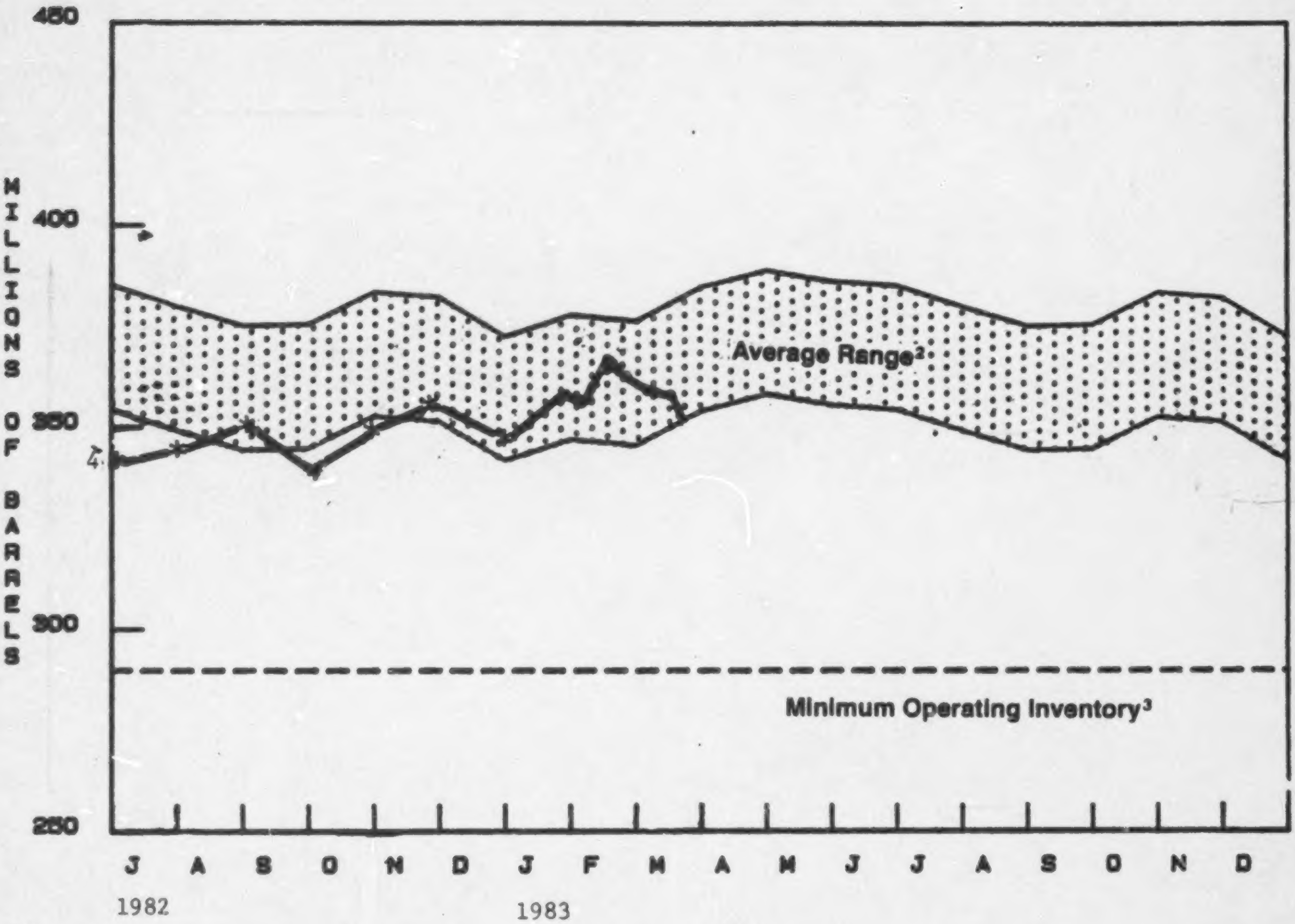
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

4/7/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *MARCH* 25, 1983 **NO.** 12

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 03/25/83 | Last Week Ending: 03/18/83 | Last Year Week Ending: 03/26/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 11,509 | 11,254 | 11,559 | + 255 | - 50 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 68.4 | 66.9 | 64.9 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 5,984 | 5,969 | 5,882 | + 15 | + 102 |
| Finished leaded motor gasoline production | 2,891 | 2,737 | *N/A* | + 154 | *N/A* |
| Finished unleaded motor gasoline production | 3,093 | 3,232 | *N/A* | - 139 | *N/A* |
| Total motor gasoline stocks | 236,129 | 240,358 | 250,362 | - 4,229 | - 14,233 |
| Finished leaded motor gasoline stocks | 96,803 | 98,280 | *N/A* | - 1,477 | *N/A* |
| Finished unleaded motor gasoline stocks | 96,387 | 97,818 | 97,841 | - 1,431 | - 1,454 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,111 | 1,964 | 2,344 | + 147 | - 233 |
| Distillate fuel oil stocks | 130,282 | 134,065 | 128,599 | - 3,783 | + 1,683 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 857 | 893 | 1,129 | - 36 | - 272 |
| Residual fuel oil stocks | 45,616 | 47,952 | 58,091 | - 2,336 | - 12,475 |
| **Imports** | | | | | |
| Crude oil imports | 2,357 | 1,722 | 2,690 | + 635 | - 333 |
| Product imports | 1,394 | 1,705 | 1,804 | - 311 | - 410 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 350,435 | 352,747 | 381,838 | - 2,312 | - 31,403 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *MARCH* 25, 1983 **NO.** 12

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,127 | 864 | 894 | 1,569 | 57.0 |
| Appal. No. 1 | 64 | 63 | 63 | 98 | 64.3 |
| **DISTRICT 1 TOTAL** | 1,191 | 927 | 957 | 1,667 | 57.4 |
| Appal. No. 2 | 54 | 48 | 53 | 66 | 80.3 |
| Ind., Ill., Ky. | 1,815 | 1,657 | 1,703 | 2,399 | 71.0 |
| Minn., Wis., Daks. | 264 | 250 | 264 | 293 | 90.1 |
| Okla., Kans., Mo. | 685 | 613 | 620 | 858 | 72.3 |
| **DISTRICT 2 TOTAL** | 2,818 | 2,568 | 2,640 | 3,616 | 73.0 |
| Inland Texas | 500 | 450 | 493 | 592 | 83.3 |
| Texas Gulf Coast | 3,097 | 2,807 | 2,891 | 4,164 | 69.4 |
| La. Gulf Coast | 2,064 | 1,844 | 1,893 | 2,708 | 69.9 |
| N. La. and Ark. | 192 | 170 | 188 | 314 | 59.9 |
| New Mexico | 83 | 82 | 83 | 117 | 70.9 |
| **DISTRICT 3 TOTAL** | 5,936 | 5,353 | 5,548 | 7,895 | 70.3 |
| **DISTRICT 4 TOTAL** | 385 | 348 | 354 | 553 | 64.0 |
| **DISTRICT 5 TOTAL** | 1,999 | 2,004 | 2,010 | 3,083 | 65.2 |
| **TOTAL U.S.** | 12,329 | 11,200 | 11,509 | 16,814 | 68.4 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *MAR*. 18, 1983 | 12,124 | 10,936 | 11,254 | 16,814 | 66.9 |
| *MAR*. 26, 1982 | 12,496 | 11,240 | 11,559 | 17,822 | 64.9 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *MAR*. 25, 1983 | 10,330 | 9,196 | 9,499 | 13,731 | 69.2 |
| *MAR*. 18, 1983 | 10,120 | 9,029 | 9,318 | 13,731 | 67.9 |
| *MAR*. 26, 1982 | 10,354 | 9,205 | 9,472 | 14,698 | 64.4 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MARCH* 25, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 490 | 225 | 265 | 6 | 24 | 194 | 91 |
| Appal. No. 1 | 19 | 4 | 15 | 1 | -- | 17 | 3 |
| **DISTRICT 1 TOTAL** | 509 | 229 | 280 | 7 | 24 | 211 | 94 |
| Appal. No. 2 | 36 | 13 | 23 | 2 | 4 | 7 | 1 |
| Ind., Ill., Ky. | 1,116 | 535 | 581 | 10 | 104 | 279 | 74 |
| Minn., Wis., Daks. | 160 | 83 | 77 | 4 | 10 | 56 | 7 |
| Okla., Kans., Mo. | 348 | 216 | 132 | 7 | 24 | 151 | 12 |
| **DISTRICT 2 TOTAL** | 1,660 | 847 | 813 | 23 | 142 | 493 | 94 |
| Inland Texas | 231 | 134 | 97 | 27 | 25 | 100 | 12 |
| Texas Gulf Coast | 1,392 | 528 | 864 | 42 | 253 | 538 | 170 |
| La. Gulf Coast | 983 | 495 | 488 | 11 | 209 | 309 | 175 |
| N. La. and Ark. | 69 | 45 | 24 | 7 | -- | 49 | 10 |
| New Mexico | 20 | 12 | 8 | 18 | -- | 23 | 3 |
| **DISTRICT 3 TOTAL** | 2,695 | 1,214 | 1,481 | 105 | 487 | 1,019 | 370 |
| **DISTRICT 4 TOTAL** | 195 | 127 | 68 | 13 | 21 | 80 | 9 |
| **DISTRICT 5 TOTAL** | 925 | 474 | 451 | 65 | 182 | 308 | 290 |
| **TOTAL U.S.** | 5,984 | 2,891 | 3,093 | 213 | 856 | 2,111 | 857 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *MAR*. 18, 1983 | 5,969 | 2,737 | 3,232 | 182 | 814 | 1,964 | 893 |
| *MAR*. 26, 1982 | 5,882 | *N/A* | *N/A* | 194 | 860 | 2,344 | 1,129 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| *MAR*. 25, 1983 | 5,059 | 2,417 | 2,642 | 148 | 674 | 1,803 | 567 |
| *MAR*. 18, 1983 | 5,085 | 2,409 | 2,576 | 151 | 598 | 1,678 | 578 |
| *MAR*. 26, 1982 | 5,011 | *N/A* | *N/A* | 151 | 627 | 2,043 | 734 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended MARCH 25, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,395 | 2,397 | 2,998 | -- | 102 | 609 | 6,500 | 2,148 | -- |
| Central Atlantic | 27,723 | 10,191 | 12,980 | 4,552 | 209 | 3,689 | 23,995 | 15,263 | 13,077 |
| Lower Atlantic | 26,237 | 12,680 | 13,186 | 371 | 128 | 3,956 | 12,200 | 3,362 | 412 |
| DISTRICT 1 TOTAL | 59,355 | 25,268 | 29,164 | 4,923 | 439 | 8,254 | 42,695 | 20,773 | 13,489 |
| DISTRICT 2 TOTAL | 71,797 | 33,544 | 29,053 | 9,200 | 1,580 | 6,828 | 42,686 | 4,091 | 16,872 |
| DISTRICT 3 TOTAL | 66,766 | 23,952 | 25,474 | 17,340 | 2,028 | 12,198 | 29,503 | 11,228 | 48,249 |
| DISTRICT 4 TOTAL | 9,573 | 4,107 | 2,714 | 2,752 | 474 | 506 | 3,568 | 394 | 2,722 |
| DISTRICT 5 TOTAL | 28,638 | 9,932 | 9,982 | 8,724 | 1,443 | 5,458 | 11,830 | 9,130 | 27,678 |
| TOTAL U.S. | 236,129 | 96,803 | 96,387 | 42,939 | 5,964 | 33,244 | 130,282 | 45,616 | 109,010 |
| TOTAL U.S. Weeks Ended: | | | | | | | | | |
| MAR. 18, 1983 | 240,358 | 98,280 | 97,818 | 44,260 | 5,604 | 33,409 | 134,065 | 47,952 | 109,432 |
| MAR. 26, 1982 | 250,362 | N/A | 97,841 | N/A | 6,348 | 34,579 | 128,599 | 58,091 | 116,480 |
| DISTRICTS 1–4 Weeks Ended: | | | | | | | | | |
| MAR. 25, 1983 | 207,491 | 86,871 | 86,405 | 34,215 | 4,521 | 27,786 | 118,452 | 36,486 | 81,332 |
| MAR. 18, 1983 | 211,272 | 88,606 | 87,280 | 35,386 | 4,272 | 27,422 | 121,837 | 39,377 | 81,497 |
| MAR. 26, 1982 | 221,012 | N/A | 87,705 | N/A | 4,982 | 27,481 | 117,519 | 47,708 | 89,834 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MARCH* 25, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | API Monthly | Latest Dept. of Energy *OCT* 1982 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *MAR*. 25, 1983 | 5,832.4 | 5,860.0 | 2,278 | 183 | 265,852 |
| *MAR*. 18, 1983 | 5,832.4 | -- | 1,660 | 220 | 266,963 |
| *MAR*. 11, 1983 | 5,832.4 | -- | 1,590 | 201 | 270,986 |
| *MAR*. 4, 1983 | 5,826.9 | -- | 1,942 | 216 | 272,386 |
| **DISTRICT 5 TOTAL** | | | | | |
| *MAR*. 25, 1983 | 2,830.0 | 2,824.0 | 79 | 14 | 84,583 * |
| *MAR*. 18, 1983 | 2,830.0 | -- | 62 | 29 | 85,784 |
| *MAR*. 11, 1983 | 2,830.0 | -- | 132 | 29 | 86,294 |
| *MAR*. 4, 1983 | 2,827.2 | -- | 155 | 25 | 85,554 |
| **TOTAL U.S.** | | | | | |
| *MAR*. 25, 1983 | 8,662.4 | 8,684.0 | 2,357 | 197 | 350,435 * |
| *MAR*. 18, 1983 | 8,662.4 | -- | 1,722 | 249 | 352,747 |
| *MAR*. 11, 1983 | 8,662.4 | -- | 1,722 | 230 | 357,280 |
| *MAR*. 4, 1983 | 8,654.1 | -- | 2,097 | 241 | 357,940 |
| *MAR*. 26, 1982 | 8,650.2/*A* | -- | 2,690 | 162 | 381,838 |

**INCLUDES* 27,187 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR MARCH* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *MAR*. 25, 1983 | 14,436 | 80,882 | 154,760 | 15,774 | 265,852 | 84,583 * | 350,435 * |
| *MAR*. 18, 1983 | 15,493 | 81,370 | 154,496 | 15,604 | 266,963 | 85,784 | 352,747 |
| *MAR*. 26, 1982 | 24,248 | 84,195 | 167,733 | 15,559 | 291,735 | 90,103 | 381,838 |

---

[1] See definitional notes, Page 6.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 183 | 4 | -- | -- | 187 |
| Central Atlantic | 149 | 98 | 51 | -- | 17 | 20 | 212 | 5 | 16 | 62 | 481 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 180 | -- | -- | -- | 180 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *MAR*. 25, 1983 | 149 | 98 | 51 | -- | 17 | 20 | 575 | 9 | 16 | 62 | 848 |
| *MAR*. 18, 1983 | 164 | 113 | 51 | -- | 16 | 42 | 644 | 15 | 9 | 180 | 1,070 |
| *MAR*. 11, 1983 | 157 | 106 | 51 | 3 | 14 | 73 | 552 | 3 | 23 | 143 | 968 |
| *MAR*. 4, 1983 | 156 | 66 | 90 | 3 | 16 | 99 | 1,077 | 10 | 70 | 51 | 1,482 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *MAR*. 25, 1983 | -- | -- | -- | -- | -- | 3 | 40 | 263 | 154 | 24 | 484 |
| *MAR*. 18, 1983 | 2 | 1 | 1 | -- | -- | 4 | 65 | 252 | 179 | 17 | 519 |
| *MAR*. 11, 1983 | 2 | 1 | 1 | -- | -- | 3 | 74 | 249 | 166 | 24 | 518 |
| *MAR*. 4, 1983 | -- | -- | -- | -- | -- | 3 | 120 | 279 | 89 | 17 | 508 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *MAR*. 25, 1983 | 24 | 15 | 9 | -- | -- | 7 | 10 | 12 | -- | 9 | 62 |
| *MAR*. 18, 1983 | 68 | 59 | 9 | -- | -- | 7 | 15 | 18 | -- | 8 | 116 |
| *MAR*. 11, 1983 | 30 | 22 | 8 | -- | -- | 6 | 14 | 6 | -- | 8 | 64 |
| *MAR*. 4, 1983 | 37 | 29 | 8 | -- | -- | 6 | 16 | 13 | 1 | 8 | 81 |
| **TOTAL U.S.** | 173 | 113 | 60 | -- | 17 | 30 | 625 | 284 | 170 | 95 | 1,394 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *MAR*. 18, 1983 | 234 | 173 | 61 | -- | 16 | 53 | 724 | 285 | 188 | 205 | 1,705 |
| *MAR*. 11, 1983 | 189 | 129 | 60 | 3 | 14 | 82 | 640 | 258 | 189 | 175 | 1,550 |
| *MAR*. 4, 1983 | 193 | 95 | 98 | 3 | 16 | 108 | 1,213 | 302 | 160 | 76 | 2,071 |
| *MAR*. 26, 1982 | 192 | *N/A* | 80 | -- | 31 | 53 | 811 | 263 | 394 | 55 | 1,804 |

---

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

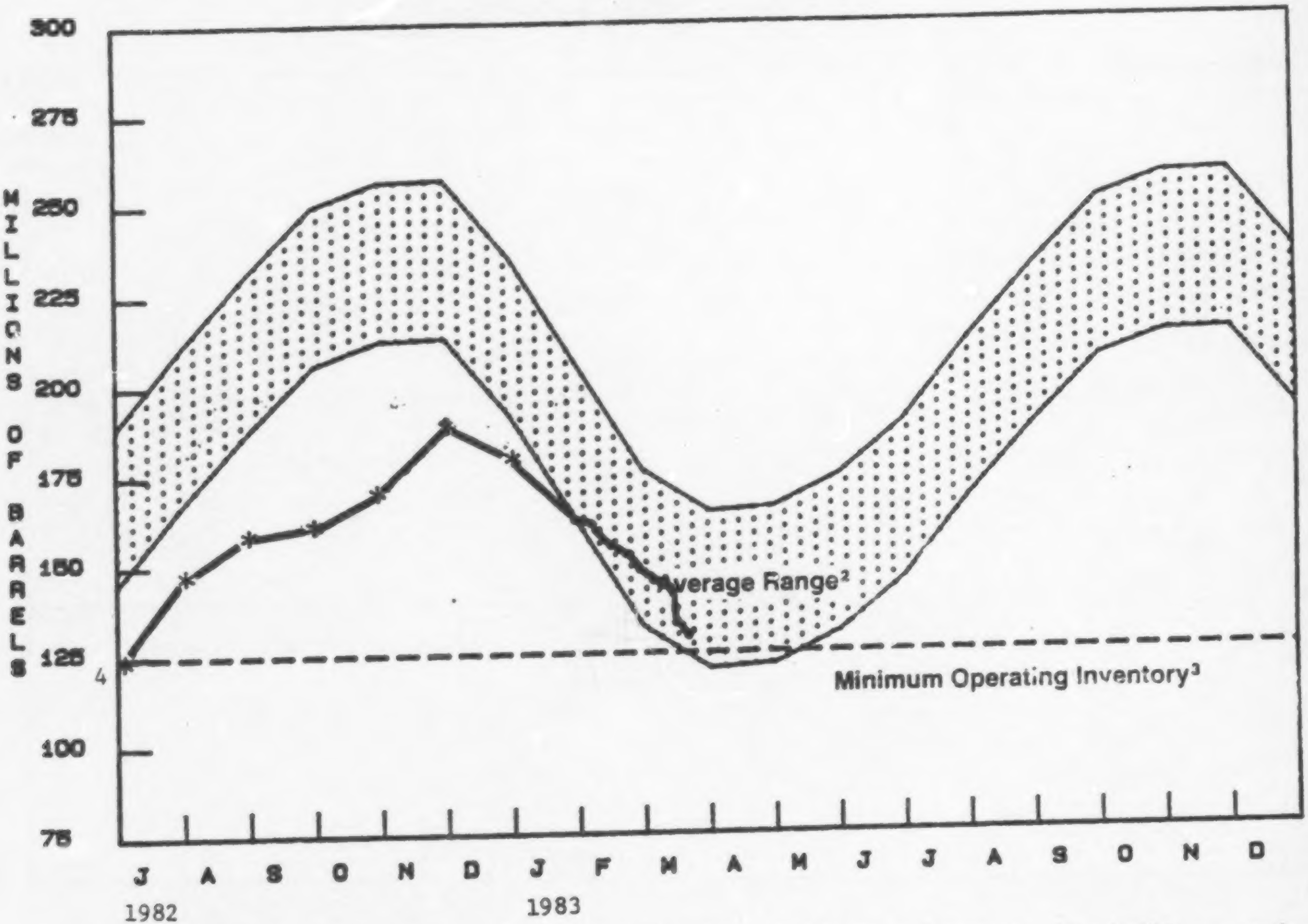
Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

Week Ended March 25, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] 5



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

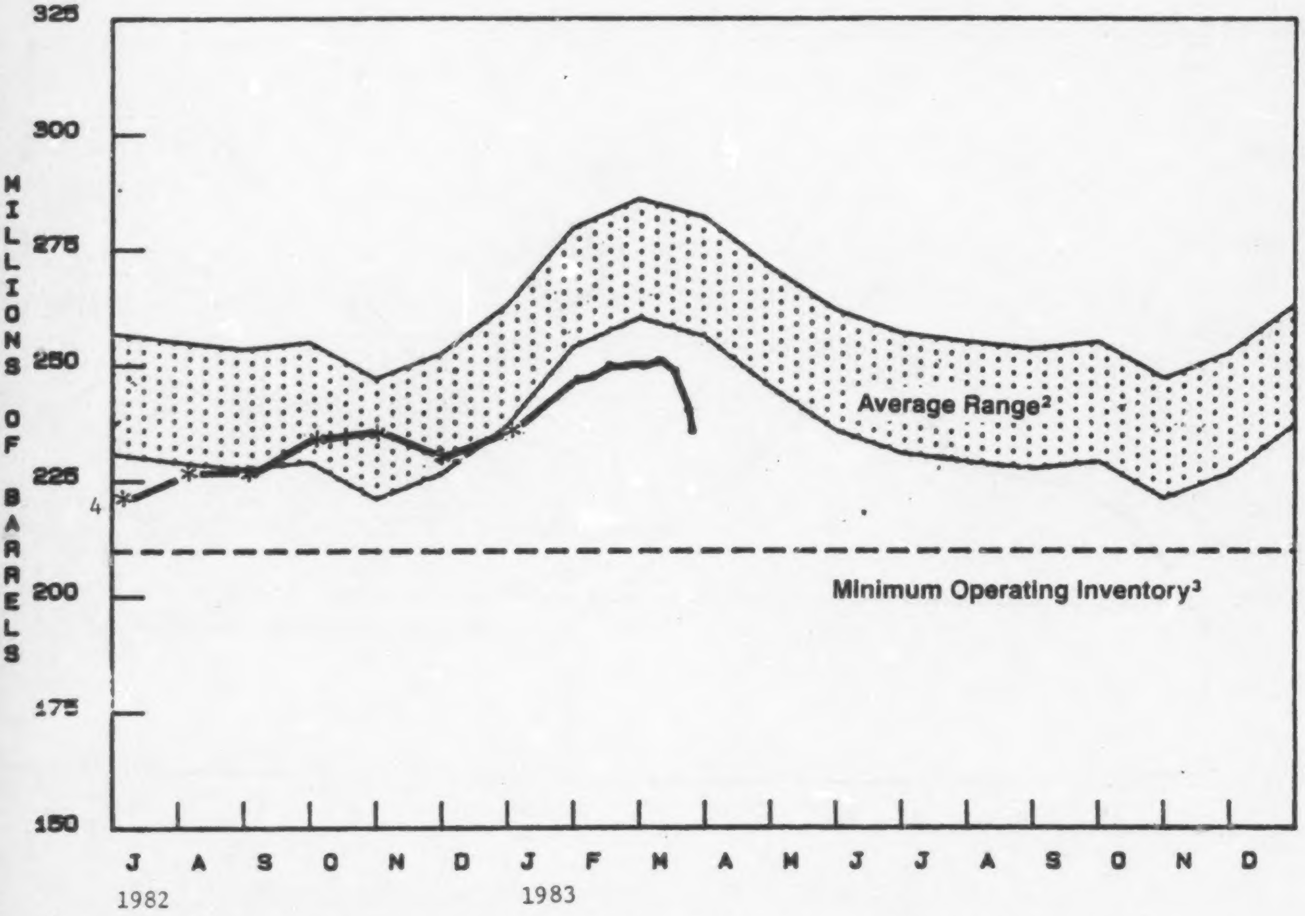
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended March 25, 1983

## Motor Gasoline Stocks at Primary Level[1,5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

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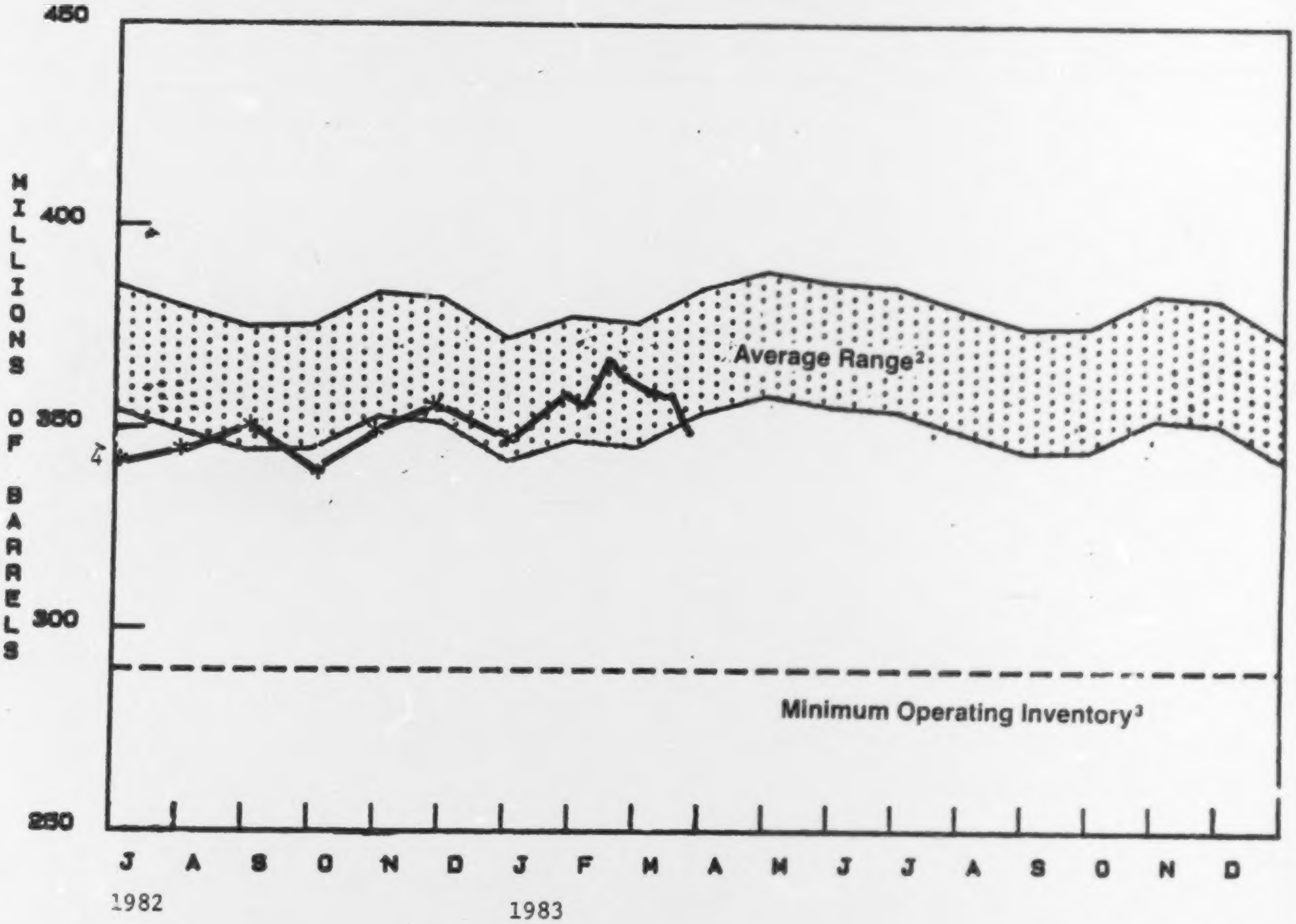
Week Ended March 25,1983

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

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•— API, "Weekly Statistical Bulletin."

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A2575-1 4/11/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** APRIL 1, 1983 **NO.** 13

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 04/01/83 | Last Week Ending: 03/25/83 | Last Year Week Ending: 04/02/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,514 | 11,509 | 11,597 | + 5 | - 83 |
| Operable capacity | 16,814 | 16,814 | 17,822 | 0 | - 1,008 |
| Percent operated | 68.5 | 68.4 | 65.1 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,320 | 5,984 | 5,822 | + 336 | + 498 |
| Finished leaded motor gasoline production | 2,923 | 2,891 | N/A | + 32 | N/A |
| Finished unleaded motor gasoline production | 3,397 | 3,093 | N/A | + 304 | N/A |
| Total motor gasoline stocks | 231,718 | 236,129 | 249,214 | - 4,411 | - 17,496 |
| Finished leaded motor gasoline stocks | 93,645 | 96,803 | N/A | - 3,158 | N/A |
| Finished unleaded motor gasoline stocks | 95,886 | 96,387 | 95,619 | - 501 | + 267 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,119 | 2,111 | 2,344 | + 8 | - 225 |
| Distillate fuel oil stocks | 124,079 | 130,282 | 125,645 | - 6,203 | - 1,566 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 899 | 857 | 1,108 | + 42 | - 209 |
| Residual fuel oil stocks | 43,240 | 45,616 | 58,405 | - 2,376 | - 15,165 |
| Imports | | | | | |
| Crude oil imports | 2,343 | 2,357 | 2,597 | - 14 | - 254 |
| Product imports | 969 | 1,394 | 1,348 | - 425 | - 379 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 340,975 | 350,435 | 380,552 | - 9,460 | - 39,577 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** APRIL 1, 1983 **NO.** 13

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,281 | 905 | 936 | 1,569 | 59.7 |
| Appal. No. 1 | 59 | 58 | 58 | 98 | 59.2 |
| **DISTRICT 1 TOTAL** | 1,340 | 963 | 994 | 1,667 | 59.6 |
| Appal. No. 2 | 54 | 48 | 53 | 66 | 80.3 |
| Ind., Ill., Ky. | 1,888 | 1,720 | 1,755 | 2,399 | 73.2 |
| Minn., Wis., Daks. | 263 | 248 | 262 | 293 | 89.4 |
| Okla., Kans., Mo. | 690 | 623 | 627 | 858 | 73.1 |
| **DISTRICT 2 TOTAL** | 2,895 | 2,639 | 2,697 | 3,616 | 74.6 |
| Inland Texas | 501 | 442 | 490 | 592 | 82.8 |
| Texas Gulf Coast | 3,078 | 2,739 | 2,834 | 4,164 | 68.1 |
| La. Gulf Coast | 2,152 | 1,893 | 1,949 | 2,708 | 72.0 |
| N. La. and Ark. | 184 | 169 | 184 | 314 | 58.6 |
| New Mexico | 85 | 81 | 85 | 117 | 72.6 |
| **DISTRICT 3 TOTAL** | 6,000 | 5,324 | 5,542 | 7,895 | 70.2 |
| **DISTRICT 4 TOTAL** | 395 | 361 | 364 | 553 | 65.8 |
| **DISTRICT 5 TOTAL** | 2,087● | 1,883 | 1,917 | 3,083 | 62.2 |
| **TOTAL U.S.** | 12,717 | 11,170 | 11,514 | 16,814 | 68.5 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| MAR. 25, 1983 | 12,357● | 11,200 | 11,509 | 16,814 | 68.4 |
| APR. 2, 1982 | 12,380 | 11,238 | 11,597 | 17,822 | 65.1 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | |
| APR. 1, 1983 | 10,630 | 9,287 | 9,597 | 13,731 | 69.9 |
| MAR. 25, 1983 | 10,330 | 9,196 | 9,499 | 13,731 | 69.2 |
| APR. 2, 1982 | 10,264 | 9,132 | 9,446 | 14,698 | 64.3 |

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** APRIL 1, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| **DISTRICT** | **Total Motor Gasoline**[1] | **Finished Leaded** | **Finished Unleaded** | **Naphtha Type** | **Kerosine Type** | **Distillate Fuel Oil**[2] | **Residual Fuel Oil** |
| East Coast | 509 | 192 | 317 | 15 | 31 | 201 | 132 |
| Appal. No. 1 | 19 | 10 | 9 | 2 | -- | 19 | 4 |
| **DISTRICT 1 TOTAL** | 528 | 202 | 326 | 17 | 31 | 220 | 136 |
| Appal. No. 2 | 36 | 14 | 22 | 2 | 4 | 8 | -- |
| Ind., Ill., Ky. | 1,236 | 570 | 666 | 19 | 85 | 306 | 50 |
| Minn., Wis., Daks. | 164 | 107 | 57 | 3 | 7 | 60 | 6 |
| Okla., Kans., Mo. | 387 | 234 | 153 | 8 | 3 | 161 | 15 |
| **DISTRICT 2 TOTAL** | 1,823 | 925 | 898 | 32 | 99 | 535 | 71 |
| Inland Texas | 254 | 127 | 127 | 27 | 27 | 101 | 15 |
| Texas Gulf Coast | 1,343 | 522 | 821 | 34 | 224 | 513 | 199 |
| La. Gulf Coast | 1,080 | 516 | 564 | 9 | 199 | 344 | 177 |
| N. La. and Ark. | 72 | 50 | 22 | 5 | -- | 48 | 10 |
| New Mexico | 20 | 11 | 9 | 17 | 1 | 23 | 2 |
| **DISTRICT 3 TOTAL** | 2,769 | 1,226 | 1,543 | 92 | 451 | 1,029 | 403 |
| **DISTRICT 4 TOTAL** | 226 | 155 | 71 | 11 | 27 | 91 | 11 |
| **DISTRICT 5 TOTAL** | 974 | 415 | 559 | 33 | 252 | 244 | 278 |
| **TOTAL U.S.** | 6,320 | 2,923 | 3,397 | 185 | 860 | 2,119 | 899 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| MAR. 25, 1983 | 5,984 | 2,891 | 3,093 | 213 | 856 | 2,111 | 857 |
| APR. 2, 1982 | 5,822 | N/A | N/A | 218 | 941 | 2,344 | 1,108 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| APR. 1, 1983 | 5,346 | 2,508 | 2,838 | 152 | 608 | 1,875 | 621 |
| MAR. 25, 1983 | 5,059 | 2,417 | 2,642 | 148 | 674 | 1,803 | 567 |
| APR. 2, 1982 | 4,988 | N/A | N/A | 154 | 707 | 2,016 | 706 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *APRIL* 1, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,251 | 2,401 | 2,850 | -- | 98 | 736 | 5,893 | 2,095 | -- |
| Central Atlantic | 27,255 | 10,112 | 12,992 | 4,151 | 403 | 4,244 | 22,331 | 13,398 | 13,397 |
| Lower Atlantic | 25,412 | 12,262 | 12,781 | 369 | 131 | 3,986 | 11,657 | 3,468 | 408 |
| **DISTRICT 1 TOTAL** | 57,918 | 24,775 | 28,623 | 4,520 | 632 | 8,966 | 39,881 | 18,961 | 13,805 |
| **DISTRICT 2 TOTAL** | 68,573 | 31,054 | 28,014 | 9,505 | 1,391 | 7,314● | 40,641 | 3,844 | 17,710 |
| **DISTRICT 3 TOTAL** | 68,207 | 24,306 | 26,375 | 17,526 | 2,089 | 12,375 | 28,921 | 11,188 | 46,972 |
| **DISTRICT 4 TOTAL** | 9,376 | 4,335 | 2,413 | 2,628 | 380 | 710 | 3,298 | 375 | 2,680 |
| **DISTRICT 5 TOTAL** | 27,644 | 9,175 | 10,461 | 8,008 | 1,545 | 5,307 | 11,338 | 8,872 | 26,965 |
| **TOTAL U.S.** | 231,718 | 93,645 | 95,886 | 42,187 | 6,037 | 34,672 | 124,079 | 43,240 | 108,132 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | | | | |
| *MAR*. 25, 1983 | 236,129 | 96,803 | 96,387 | 42,939 | 5,964 | 33,538● | 130,282 | 45,616 | 109,010 |
| *APR*. 2, 1982 | 249,214 | *N/A* | 95,619 | *N/A* | 6,236 | 35,995 | 125,645 | 58,405 | 116,805 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | | | | | |
| *APR*. 1, 1983 | 204,074 | 84,470 | 85,425 | 34,179 | 4,492 | 29,365 | 112,741 | 34,368 | 81,167 |
| *MAR*. 25, 1983 | 207,491 | 86,871 | 86,405 | 34,215 | 4,521 | 28,080● | 118,452 | 36,486 | 81,332 |
| *APR*. 2, 1982 | 219,993 | *N/A* | 86,100 | *N/A* | 4,793 | 28,874 | 114,496 | 48,253 | 90,314 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | API Monthly | Latest Dept. of Energy *NOV 1982* | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *APR.* 1, 1983 | 5,832.4 | 5,907.0 | 2,250 | 192 | 263,088 |
| *MAR.* 25, 1983 | 5,832.4 | -- | 2,278 | 183 | 265,852 |
| *MAR.* 18, 1983 | 5,832.4 | -- | 1,660 | 220 | 266,963 |
| *MAR.* 11, 1983 | 5,832.4 | -- | 1,590 | 201 | 270,986 |
| **DISTRICT 5 TOTAL** | | | | | |
| *APR.* 1, 1983 | 2,830.0 | 2,776.0 | 93 | 28 | 77,887 * |
| *MAR.* 25, 1983 | 2,830.0 | -- | 79 | 14 | 84,583 |
| *MAR.* 18, 1983 | 2,830.0 | -- | 62 | 29 | 85,784 |
| *MAR.* 11, 1983 | 2,830.0 | -- | 132 | 29 | 86,294 |
| **TOTAL U.S.** | | | | | |
| *APR.* 1, 1983 | 8,662.4 | 8,683.0 | 2,343 | 220 | 340,975 * |
| *MAR.* 25, 1983 | 8,662.4 | -- | 2,357 | 197 | 350,435 |
| *MAR.* 18, 1983 | 8,662.4 | -- | 1,722 | 249 | 352,747 |
| *MAR.* 11, 1983 | 8,662.4 | -- | 1,722 | 230 | 357,280 |
| *APR.* 2, 1982 | 8,650.2/A | -- | 2,597 | 139 | 380,552 |

**INCLUDES 26,842 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR MARCH* 1982

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *APR.* 1, 1983 | 14,493 | 81,073 | 151,867 | 15,655 | 263,088 | 77,887 * | 340,975 * |
| *MAR.* 25, 1983 | 14,436 | 80,882 | 154,760 | 15,774 | 265,852 | 84,583 | 350,435 |
| *APR.* 2, 1982 | 22,569 | 87,993 | 165,914 | 15,496 | 291,972 | 88,580 | 380,552 |

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[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** APRIL 1, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 79 | 37 | 42 | -- | -- | -- | -- | 1 | -- | -- | 80 |
| Central Atlantic | 83 | 39 | 44 | -- | -- | -- | 385 | 1 | 8 | 3 | 480 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 267 | -- | -- | -- | 267 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| APR. 1, 1983 | 162 | 76 | 86 | -- | -- | -- | 652 | 2 | 8 | 3 | 827 |
| MAR. 25, 1983 | 149 | 98 | 51 | -- | 17 | 20 | 575 | 9 | 16 | 62 | 848 |
| MAR. 18, 1983 | 164 | 113 | 51 | -- | 16 | 42 | 644 | 15 | 9 | 180 | 1,070 |
| MAR. 11, 1983 | 157 | 106 | 51 | 3 | 14 | 73 | 552 | 3 | 23 | 143 | 968 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| APR. 1, 1983 | -- | -- | -- | -- | -- | -- | -- | 73 | 47 | -- | 120 |
| MAR. 25, 1983 | -- | -- | -- | -- | -- | 3 | 40 | 263 | 154 | 24 | 484 |
| MAR. 18, 1983 | 2 | 1 | 1 | -- | -- | 4 | 65 | 252 | 179 | 17 | 519 |
| MAR. 11, 1983 | 2 | 1 | 1 | -- | -- | 3 | 74 | 249 | 166 | 24 | 518 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| APR. 1, 1983 | 2 | 1 | 1 | -- | -- | 7 | 10 | 3 | -- | -- | 22 |
| MAR. 25, 1983 | 24 | 15 | 9 | -- | -- | 7 | 10 | 12 | -- | 9 | 62 |
| MAR. 18, 1983 | 68 | 59 | 9 | -- | -- | 7 | 15 | 18 | -- | 8 | 116 |
| MAR. 11, 1983 | 30 | 22 | 8 | -- | -- | 6 | 14 | 6 | -- | 8 | 64 |
| **TOTAL U.S.** | 164 | 77 | 87 | -- | -- | 7 | 662 | 78 | 55 | 3 | 969 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| MAR. 25, 1983 | 173 | 113 | 60 | -- | 17 | 30 | 625 | 284 | 170 | 95 | 1,394 |
| MAR. 18, 1983 | 234 | 173 | 61 | -- | 16 | 53 | 724 | 285 | 188 | 205 | 1,705 |
| MAR. 11, 1983 | 189 | 129 | 60 | 3 | 14 | 82 | 640 | 258 | 189 | 175 | 1,550 |
| APR. 2, 1982 | 132 | N/A | 80 | -- | 17 | 36 | 696 | 232 | 221 | 6 | 1,348 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

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Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

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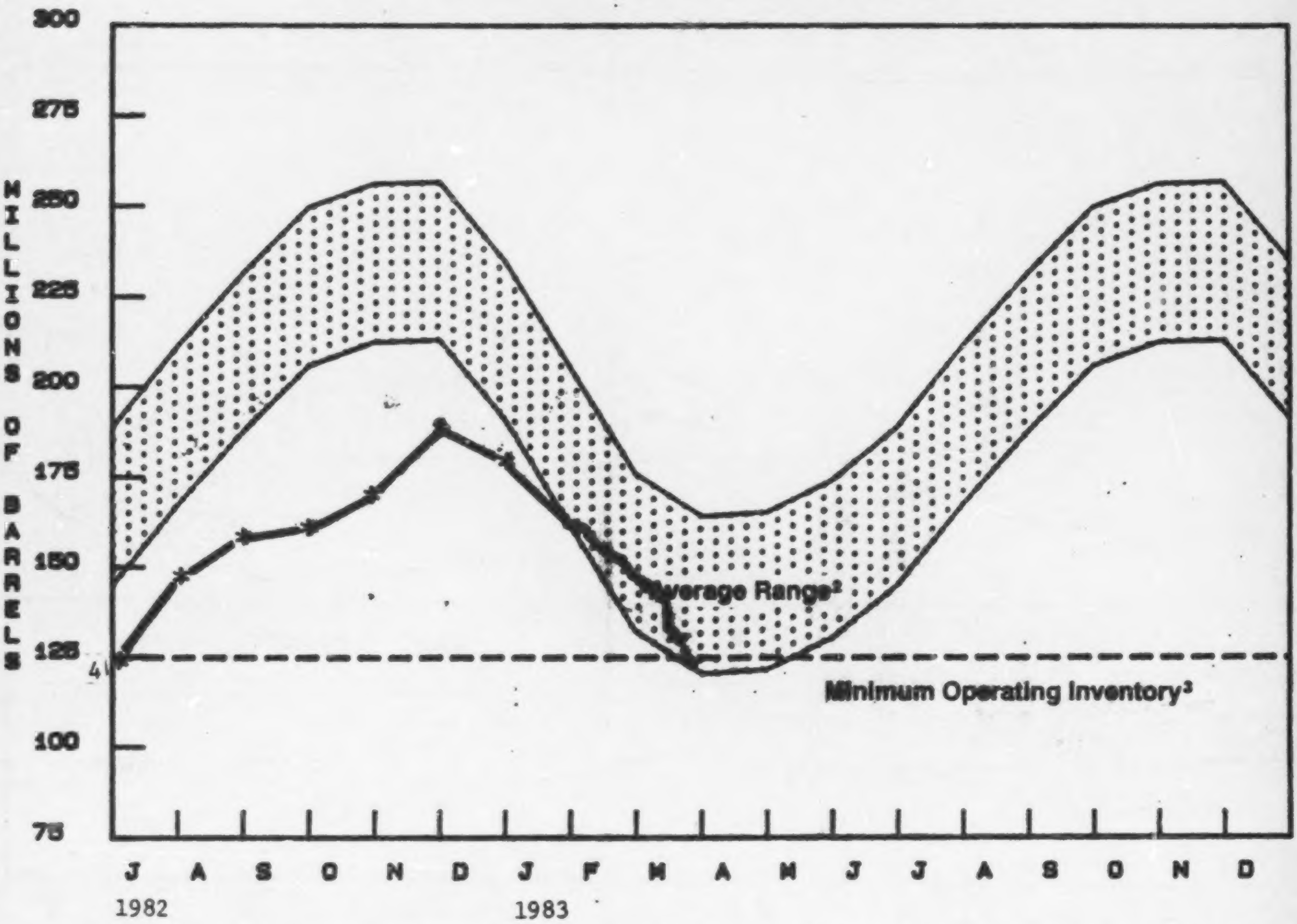
## REVISIONS

| | | | | |
|---|---|---|---|---|
| 3/25/83 | PAGE 1 | TOTAL REFINERY INPUT | DISTRICT 5 TOTAL | 2,027 |
| | | | TOTAL U.S. | 12,357 |
| | PAGE 3 | KEROSINE JET | DISTRICT 2 TOTAL | 7,122 |
| | | | TOTAL U.S. | 33,538 |
| | | | DISTRICTS 1-4 | 28,080 |

Week Ended April 1, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] 5



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[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

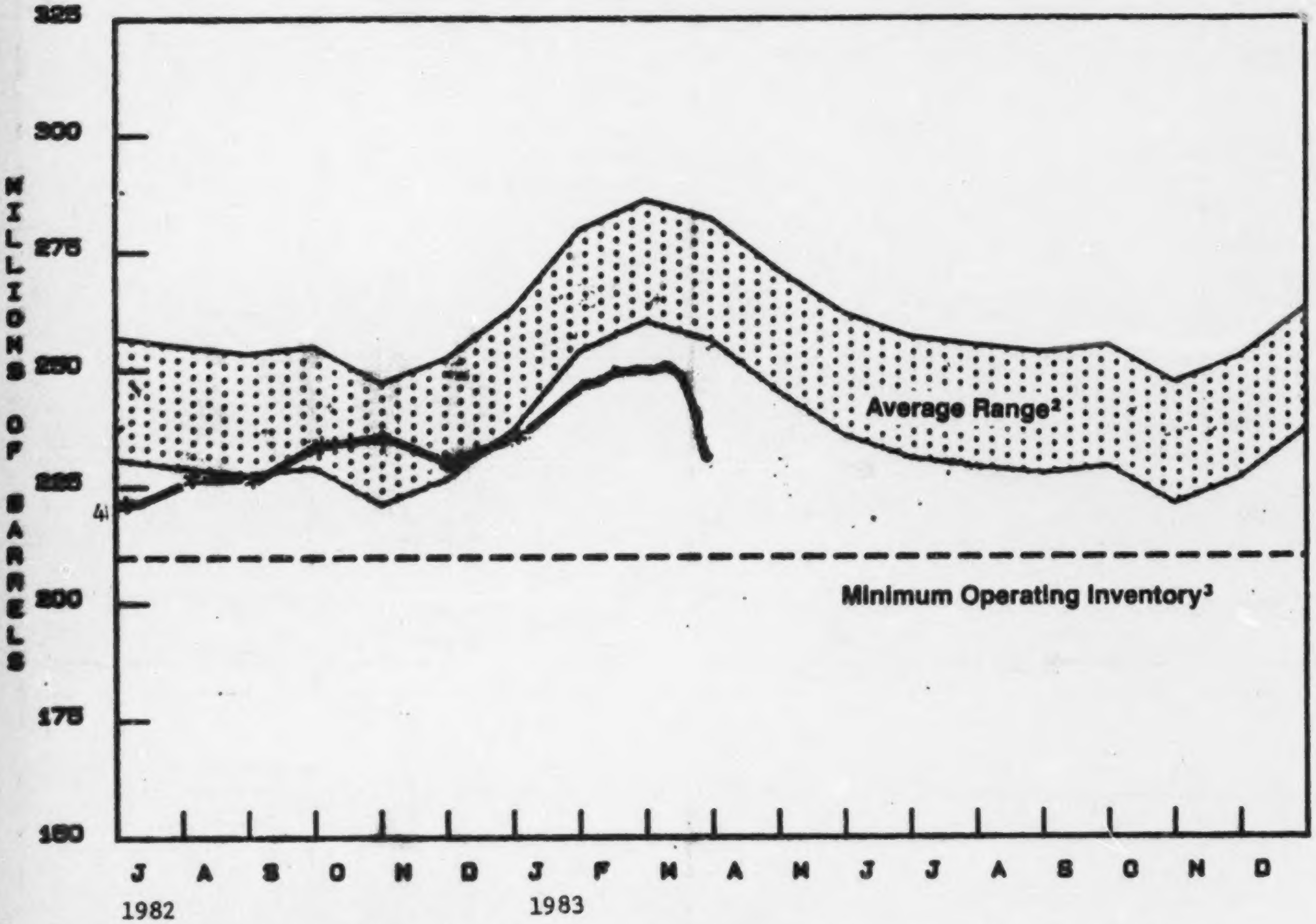
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 1, 1983

## Motor Gasoline Stocks at Primary Level[1,5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

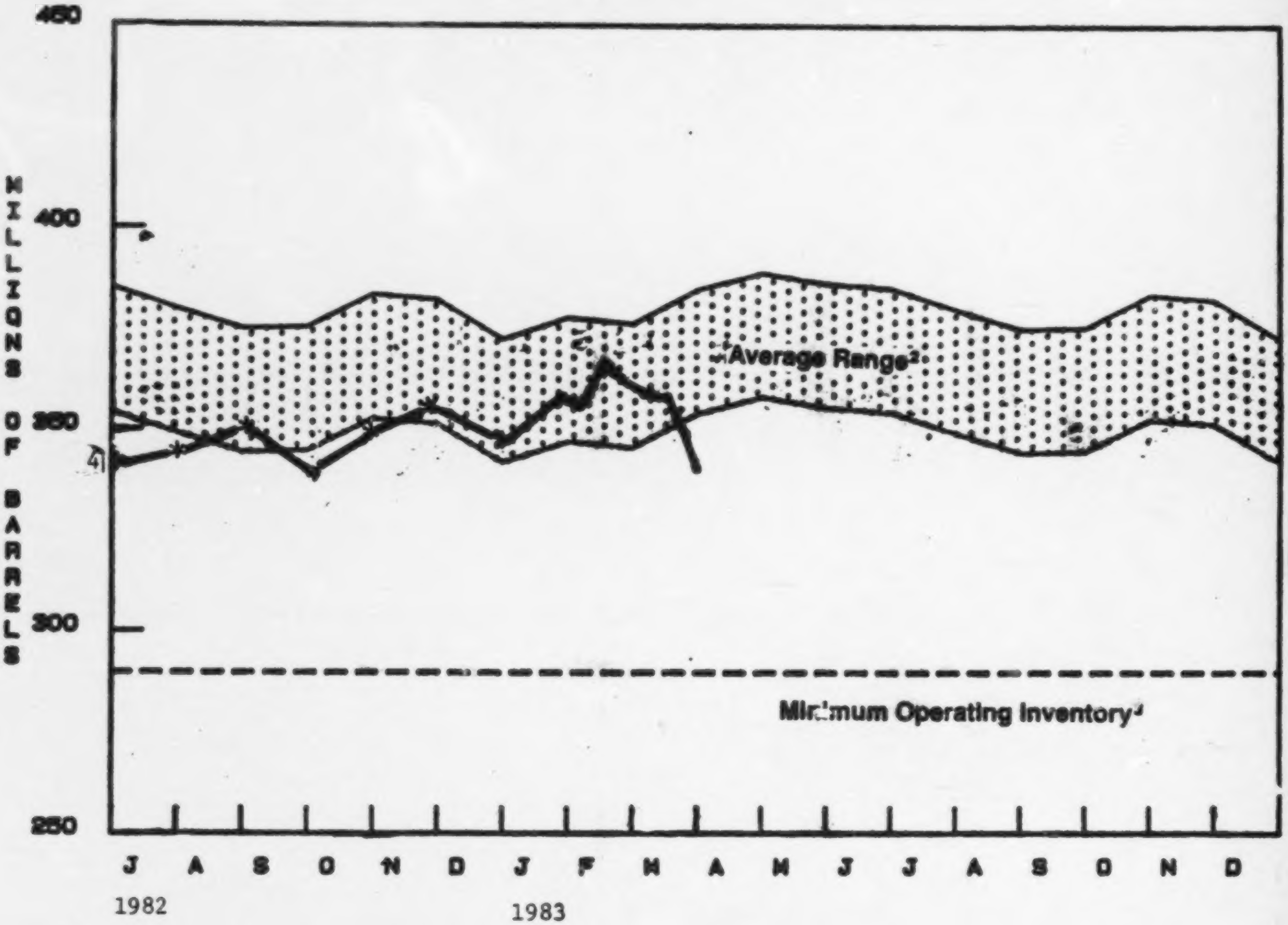
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1
4/18/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** April 8, 1983 **NO.** 14

## NOTICE

As of January 1, 1983, U.S. Department of Energy (DOE) added new reporting companies in the bulk terminal and pipeline categories which resulted in an expanded reporting universe. The API has revised the stock levels for its weekly program to conform to the new DOE levels. These new companies added 33.1 million barrels (bbls.) to the total stock level as of December 31, 1982. For those products covered in the weekly the added quantities were: 8.9 million bbls. in motor gasoline (8.1 finished motor gasoline and .8 components); 1.5 million bbls. in jet-fuel naphtha type; .8 million bbls. in jet-fuel kerosine type; 7 million bbls. in distillate fuel oil; 2.1 million bbls. in residual fuel oil; and 2.3 million bbls. in crude oil.

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *APRIL* 8, 1983 **NO.** 14

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 04/08/83 | Last Week Ending: 04/01/83 | Last Year Week Ending: 04/09/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,579 | 11,514 | 11,708 | + 65 | - 129 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 68.7 | 68.3 | 66.9 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,182 | 6,320 | 5,827 | - 138 | + 355 |
| Finished leaded motor gasoline production | 2,764 | 2,923 | *N/A* | - 159 | *N/A* |
| Finished unleaded motor gasoline production | 3,418 | 3,397 | *N/A* | + 21 | *N/A* |
| Total motor gasoline stocks | 227,927 | 233,798 | 247,788 | - 5,871 | - 19,861 |
| Finished leaded motor gasoline stocks | 90,983 | 93,264 | *N/A* | - 2,281 | *N/A* |
| Finished unleaded motor gasoline stocks | 92,653 | 95,261 | 96,207 | - 2,608 | - 3,554 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,131 | 2,119 | 2,400 | + 12 | - 269 |
| Distillate fuel oil stocks | 120,728 | 127,106 | 122,151 | - 6,378 | - 1,423 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 1,007 | 899 | 1,073 | + 108 | - 66 |
| Residual fuel oil stocks | 47,467 | 47,466 | 58,371 | + 1 | - 10,904 |
| Imports | | | | | |
| Crude oil imports | 2,320 | 2,343 | 2,510 | - 23 | - 190 |
| Product imports | 1,608 | 969 | 1,057 | + 639 | + 551 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 350,046 | 344,105 | 378,381 | + 5,941 | - 28,335 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

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# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *APRIL* 8, 1983 **NO.** 14

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,248 | 967 | 996 | 1,569 | 63.5 |
| Appal. No. 1 | 76 | 74 | 74 | 98 | 75.5 |
| **DISTRICT 1 TOTAL** | 1,324 | 1,041 | 1,070 | 1,667 | 64.2 |
| Appal. No. 2 | 51 | 47 | 51 | 66 | 77.3 |
| Ind., Ill., Ky. | 1,865 | 1,764 | 1,774 | 2,399 | 73.9 |
| Minn., Wis., Daks. | 270 | 258 | 264 | 293 | 90.1 |
| Okla., Kans., Mo. | 665 | 571 | 585 | 858 | 68.2 |
| **DISTRICT 2 TOTAL** | 2,851 | 2,640 | 2,674 | 3,616 | 73.9 |
| Inland Texas | 537 | 463 | 485 | 592 | 81.9 |
| Texas Gulf Coast | 2,980 | 2,700 | 2,796 | 4,164 | 67.1 |
| La. Gulf Coast | 2,092 | 1,844 | 1,902 | 2,748● | 69.2● |
| N. La. and Ark. | 188 | 166 | 181 | 314 | 57.6 |
| New Mexico | 92 | 79 | 83 | 117 | 70.9 |
| **DISTRICT 3 TOTAL** | 5,889 | 5,252 | 5,447 | 7,935● | 68.6● |
| **DISTRICT 4 TOTAL** | 398 | 369 | 374 | 553 | 67.6 |
| **DISTRICT 5 TOTAL** | 2,128 | 1,998 | 2,014 | 3,083 | 65.3 |
| **TOTAL U.S.** | 12,590 | 11,300 | 11,579 | 16,854 | 68.7 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| *APR.* 1, 1983 | 12,717 | 11,170 | 11,514 | 16,854● | 68.3● |
| *APR.* 9, 1982 | 12,513 | 11,390 | 11,708 | 17,492 | 66.9 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| *APR.* 8, 1983 | 10,462 | 9,302 | 9,565 | 13,771 | 69.5 |
| *APR.* 1, 1983 | 10,630 | 9,287 | 9,597 | 13,771● | 69.7● |
| *APR.* 9, 1982 | 10,417 | 9,351 | 9,615 | 14,408 | 66.7 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** APRIL 8, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 590 | 281 | 309 | 2 | 33 | 190 | 118 |
| Appal. No. 1 | 29 | 19 | 10 | 1 | -- | 17 | 5 |
| **DISTRICT 1 TOTAL** | 619 | 300 | 319 | 3 | 33 | 207 | 123 |
| Appal. No. 2 | 32 | 15 | 17 | 2 | 5 | 8 | 1 |
| Ind., Ill., Ky. | 1,122 | 508 | 614 | 17 | 121 | 302 | 94 |
| Minn., Wis., Daks. | 156 | 97 | 59 | 4 | 6 | 57 | 6 |
| Okla., Kans., Mo. | 381 | 248 | 133 | 7 | 26 | 146 | 11 |
| **DISTRICT 2 TOTAL** | 1,691 | 868 | 823 | 30 | 158 | 513 | 112 |
| Inland Texas | 219 | 114 | 105 | 25 | 27 | 104 | 12 |
| Texas Gulf Coast | 1,340 | 436 | 904 | 38 | 182 | 563 | 203 |
| La. Gulf Coast | 1,073 | 478 | 595 | 9 | 230 | 279 | 172 |
| N. La. and Ark. | 71 | 25 | 46 | 4 | -- | 47 | 10 |
| New Mexico | 23 | 17 | 6 | 12 | 1 | 22 | 3 |
| **DISTRICT 3 TOTAL** | 2,726 | 1,070 | 1,656 | 88 | 440 | 1,015 | 400 |
| **DISTRICT 4 TOTAL** | 216 | 100 | 116 | 11 | 17 | 107 | 8 |
| **DISTRICT 5 TOTAL** | 930 | 426 | 504 | 35 | 233 | 289 | 364 |
| **TOTAL U.S.** | 6,182 | 2,764 | 3,418 | 167 | 881 | 2,131 | 1,007 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| APR. 1, 1983 | 6,320 | 2,923 | 3,397 | 185 | 860 | 2,119 | 899 |
| APR. 9, 1982 | 5,827 | N/A | N/A | 218 | 887 | 2,400 | 1,073 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| APR. 8, 1983 | 5,252 | 2,338 | 2,914 | 132 | 648 | 1,842 | 643 |
| APR. 1, 1983 | 5,346 | 2,508 | 2,838 | 152 | 608 | 1,875 | 621 |
| APR. 9, 1982 | 4,911 | N/A | N/A | 163 | 649 | 2,070 | 691 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *APRIL* 8, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,137 | 2,488 | 2,649 | -- | 229 | 686 | 5,633 | 1,946 | -- |
| Central Atlantic | 26,201 | 11,050 | 11,874 | 3,277 | 595 | 4,878 | 21,353 | 15,197 | 12,987 |
| Lower Atlantic | 25,837 | 13,909 | 11,659 | 269 | 305 | 4,683 | 11,423 | 3,234 | 331 |
| **DISTRICT 1 TOTAL** | 57,175 | 27,447 | 26,182 | 3,546 | 1,129 | 10,247 | 38,409 | 20,377 | 13,318 |
| **DISTRICT 2 TOTAL** | 68,855 | 28,736 | 29,422 | 10,697 | 1,446 | 7,540 | 37,996 | 4,065 | 18,246 |
| **DISTRICT 3 TOTAL** | 65,580 | 22,329 | 24,378 | 18,873 | 2,435 | 10,863 | 28,859 | 13,022 | 48,725 |
| **DISTRICT 4 TOTAL** | 8,623 | 3,308 | 1,869 | 3,446 | 375 | 778 | 3,133 | 417 | 2,632 |
| **DISTRICT 5 TOTAL** | 27,694 | 9,163 | 10,802 | 7,729 | 1,985 | 6,228 | 12,331 | 9,586 | 27,207 |
| **TOTAL U.S.** | 227,927 | 90,983 | 92,653 | 44,291 | 7,370 | 35,656 | 120,728 | 47,467 | 110,128 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *APR.* 1, 1983 | 233,798 | 93,264 | 95,261 | 45,273 | 7,868 | 36,368 | 127,106 | 47,466 | 108,132 |
| *APR.* 9, 1982 | 247,788 | *N/A* | 96,207 | *N/A* | 6,686 | 35,547 | 122,151 | 58,371 | 118,426 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | | | | | |
| *APR.* 8, 1983 | 200,233 | 81,820 | 81,851 | 36,562 | 5,385 | 29,428 | 108,397 | 37,881 | 82,921 |
| *APR.* 1, 1983 | 205,523 | 84,236 | 85,028 | 36,259 | 5,638 | 30,718 | 115,344 | 37,525 | 81,167 |
| *APR.* 9, 1982 | 218,860 | *N/A* | 86,557 | *N/A* | 5,340 | 28,096 | 111,107 | 48,195 | 92,366 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *NOV 1982* | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *APR.* 8, 1983 | 5,881.4 | 5,907.0 | 2,189 | 190 | 264,019 |
| *APR.* 1, 1983 | 5,902.9● | -- | 2,250 | 192 | 266,187 |
| *MAR.* 25, 1983 | 5,902.9● | -- | 2,278 | 183 | 269,432 |
| *MAR.* 18, 1983 | 5,902.9● | -- | 1,660 | 220 | 270,470 |
| **DISTRICT 5 TOTAL** | | | | | |
| *APR.* 8, 1983 | 2,829.0 | 2,776.0 | 131 | -- | 86,027 * |
| *APR.* 1, 1983 | 2,826.2● | -- | 93 | 28 | 77,918 |
| *MAR.* 25, 1983 | 2,826.2● | -- | 79 | 14 | 84,619 |
| *MAR.* 18, 1983 | 2,826.2● | -- | 62 | 29 | 85,819 |
| **TOTAL U.S.** | | | | | |
| *APR.* 8, 1983 | 8,710.4 | 8,683.0 | 2,320 | 190 | 350,046 * |
| *APR.* 1, 1983 | 8,729.1● | -- | 2,343 | 220 | 344,105 |
| *MAR.* 25, 1983 | 8,729.1● | -- | 2,357 | 197 | 354,051 |
| *MAR.* 18, 1983 | 8,729.1● | -- | 1,722 | 249 | 356,289 |
| *APR.* 9, 1982 | 8,608.0 | -- | 2,510 | 156 | 378,381 |

**INCLUDES* 29,633 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| Weeks Ended: | | | | | | | |
| *APR.* 8, 1983 | 15,948 | 78,005 | 153,973 | 16,093 | 264,019 | 86,027 * | 350,046 * |
| *APR.* 1, 1983 | 14,543 | 81,192 | 154,722 | 15,730 | 266,187 | 77,918 | 344,105 |
| *APR.* 9, 1982 | 21,653 | 84,489 | 167,771 | 15,482 | 289,395 | 88,986 | 378,381 |

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[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *APRIL* 8, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 85 | 58 | 27 | -- | -- | -- | 122 | 15 | -- | -- | 222 |
| Central Atlantic | 91 | 62 | 29 | -- | 10 | 35 | 295 | -- | 159 | 21 | 611 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 187 | -- | -- | -- | 187 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *APR.* 8, 1983 | 176 | 120 | 56 | -- | 10 | 35 | 604 | 15 | 159 | 21 | 1,020 |
| *APR.* 1, 1983 | 162 | 76 | 86 | -- | -- | -- | 652 | 2 | 8 | 3 | 827 |
| *MAR.* 25, 1983 | 149 | 98 | 51 | -- | 17 | 20 | 575 | 9 | 16 | 62 | 848 |
| *MAR.* 18, 1983 | 164 | 113 | 51 | -- | 16 | 42 | 644 | 15 | 9 | 180 | 1,070 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *APR.* 8, 1983 | 4 | 4 | -- | -- | -- | -- | 91 | 203 | 113 | 118 | 529 |
| *APR.* 1, 1983 | -- | -- | -- | -- | -- | -- | -- | 73 | 47 | -- | 120 |
| *MAR.* 25, 1983 | -- | -- | -- | -- | -- | 3 | 40 | 263 | 154 | 24 | 484 |
| *MAR.* 18, 1983 | 2 | 1 | 1 | -- | -- | 4 | 65 | 252 | 179 | 17 | 519 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *APR.* 8, 1983 | 21 | 14 | 7 | -- | -- | 7 | 11 | 15 | -- | 5 | 59 |
| *APR.* 1, 1983 | 2 | 1 | 1 | -- | -- | 7 | 10 | 3 | -- | -- | 22 |
| *MAR.* 25, 1983 | 24 | 15 | 9 | -- | -- | 7 | 10 | 12 | -- | 9 | 62 |
| *MAR.* 18, 1983 | 68 | 59 | 9 | -- | -- | 7 | 15 | 18 | -- | 8 | 116 |
| **TOTAL U.S.** | 201 | 138 | 63 | -- | 10 | 42 | 706 | 233 | 272 | 144 | 1,608 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *APR.* 1, 1983 | 164 | 77 | 87 | -- | -- | 7 | 662 | 78 | 55 | 3 | 969 |
| *MAR.* 25, 1983 | 173 | 113 | 60 | -- | 17 | 30 | 625 | 284 | 170 | 95 | 1,394 |
| *MAR.* 18, 1983 | 234 | 173 | 61 | -- | 16 | 53 | 724 | 285 | 188 | 205 | 1,705 |
| *APR.* 9, 1982 | 166 | *N/A* | 65 | -- | 16 | 41 | 444 | 163 | 217 | 8 | 1,057 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | March 1983 | February 1983 | Nov. 1982 |
| Florida | 65.0 | 65.0 | 63.0 |
| New York-Pennsylvania | 12.0 | 12.0 | 12.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 8.0 | 10.0 |
| Illinois | 83.0 | 83.0 | 82.0 |
| Indiana | 13.0 | 13.0 | 13.0 |
| Kansas | 198.5 | 197.0 | 195.0 |
| Kentucky | 18.4 | 18.4 | 18.0 |
| Michigan | 85.0 | 86.0 | 88.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 4.0 |
| Nebraska | 18.0 | 18.0 | 18.0 |
| Ohio | 37.0 | 37.0 | 37.0 |
| Oklahoma | 432.0 | 426.0 | 440.0 |
| North Dakota | 139.5 | 138.0 | 137.0 |
| South Dakota | 3.0 | 3.0 | 3.0 |
| Alabama | 56.0 | 54.0 | 57.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 88.0 | 88.0 | 89.0 |
| New Mexico-So. East | 191.0 | 191.0 | 184.0 |
| New Mexico-Other | 15.0 | 17.5 | 17.0 |
| North Louisiana | 98.0 | 98.0 | 97.0 |
| South Louisiana | 1,191.0 | 1,190.0 | 1,193.0 |
| Total Louisiana | 1,289.0 | 1,288.0 | 1,290.0 |
| Texas | | | |
| District 1 | 70.0 | 68.0 | 68.0 |
| District 2 | 112.0 | 105.0 | 113.0 |
| District 3 | 370.0 | 362.0 | 370.0 |
| District 4 | 76.0 | 74.0 | 76.0 |
| District 5 | 21.0 | 19.0 | 22.0 |
| District 6, East Texas Field | 143.0 | 142.0 | 144.0 |
| Other | 115.0 | 112.0 | 115.0 |
| District 7-B | 95.0 | 86.0 | 92.0 |
| District 7-C | 100.0 | 88.0 | 102.0 |
| District 8 and 8-A | 1,272.0 | 1,267.0 | 1,273.0 |
| District 9 | 105.0 | 95.0 | 106.0 |
| District 10 | 55.0 | 53.0 | 56.0 |
| Total Texas | 2,534.0 | 2,471.0 | 2,537.0 |
| Colorado | 83.0 | 82.0 | 83.0 |
| Montana | 84.5 | 83.0 | 84.0 |
| Utah | 65.0 | 63.0 | 65.0 |
| Wyoming | 329.0 | 329.0 | 329.0 |
| Total Dists. 1-4 | 5,902.9 | 5,826.9 | 5,907.0 |
| Alaska | 1,728.2 | 1,710.2 | 1,666.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,095.0 | 1,114.0 | 1,107.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,826.2 | 2,827.2 | 2,776.0 |
| Total U.S. | 8,729.1 | 8,654.1 | 8,683.0 |

## TOTAL MOTOR GASOLINE STOCKS

| | NEW ENG. | CENTRAL | LOWER | DIST. 1 | DIST. 2 | DIST. 3 | DIST. 4 | DIST. 5 | TOTAL US | DIST. 1-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7JAN83 | 6,807 | 33,085 | 28,806 | 68,698 | 72,481 | 68,370 | 8,899 | 31,142 | 249,590 | 218,448 |
| 14JAN83 | 6,629 | 33,772 | 28,011 | 68,412 | 74,583 | 67,133 | 9,171 | 31,585 | 250,884 | 219,299 |
| 21JAN83 | 6,885 | 33,981 | 28,127 | 68,993 | 74,051 | 66,465 | 9,074 | 31,245 | 249,828 | 218,583 |
| 28JAN83 | 7,329 | 34,075 | 28,941 | 70,345 | 74,783 | 64,801 | 9,451 | 30,922 | 250,302 | 219,380 |
| 4FEB83 | 7,101 | 34,641 | 28,207 | 69,949 | 74,517 | 66,552 | 9,526 | 30,820 | 251,364 | 220,544 |
| 11FEB83 | 6,733 | 34,451 | 28,530 | 69,714 | 76,013 | 65,489 | 10,016 | 31,074 | 252,306 | 221,232 |
| 18FEB83 | 6,401 | 34,119 | 27,121 | 67,641 | 76,419 | 66,386 | 9,947 | 31,232 | 251,625 | 220,393 |
| 25FEB83 | 6,572 | 34,072 | 26,302 | 66,946 | 75,602 | 68,942 | 9,778 | 31,005 | 252,273 | 221,268 |
| 4MAR83 | 6,111 | 32,727 | 26,097 | 64,935 | 77,102 | 70,209 | 9,831 | 31,400 | 253,477 | 222,077 |
| 11MAR83 | 6,173 | 31,072 | 26,221 | 63,466 | 77,736 | 68,220 | 10,021 | 30,002 | 249,445 | 219,443 |
| 18MAR83 | 5,812 | 29,239 | 26,998 | 62,049 | 73,499 | 66,976 | 9,853 | 29,588 | 241,965 | 212,377 |
| 25MAR83 | 5,371 | 27,623 | 26,127 | 59,121 | 72,129 | 67,973 | 9,573 | 29,202 | 237,998 | 208,796 |
| 1APR83 | 5,227 | 27,151 | 25,302 | 57,680 | 68,943 | 69,524 | 9,376 | 28,275 | 233,798 | 205,523 |

## LEADED MOTOR GASOLINE STOCKS

| | NEW ENG. | CENTRAL | LOWER | DIST. 1 | DIST. 2 | DIST. 3 | DIST. 4 | DIST. 5 | TOTAL US | DIST. 1-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7JAN83 | 3,394 | 13,771 | 13,701 | 30,866 | 34,351 | 25,467 | 4,128 | 12,754 | 107,566 | 94,812 |
| 14JAN83 | 3,166 | 14,241 | 13,527 | 30,934 | 35,032 | 24,864 | 4,045 | 12,617 | 107,492 | 94,875 |
| 21JAN83 | 3,589 | 13,272 | 13,255 | 30,116 | 35,277 | 23,120 | 4,520 | 11,935 | 104,968 | 93,033 |
| 28JAN83 | 3,684 | 14,423 | 13,706 | 31,813 | 34,989 | 23,290 | 4,966 | 11,195 | 106,253 | 95,058 |
| 4FEB83 | 3,528 | 14,351 | 13,094 | 30,973 | 35,576 | 23,612 | 4,531 | 11,481 | 106,173 | 94,692 |
| 11FEB83 | 3,464 | 14,080 | 12,786 | 30,330 | 34,107 | 24,477 | 4,720 | 11,481 | 105,115 | 93,634 |
| 18FEB83 | 3,408 | 14,131 | 13,610 | 31,149 | 35,147 | 22,910 | 4,587 | 11,078 | 104,871 | 93,793 |
| 25FEB83 | 3,170 | 13,662 | 13,118 | 29,950 | 33,568 | 24,878 | 4,856 | 10,732 | 103,984 | 93,252 |
| 4MAR83 | 2,993 | 12,659 | 12,790 | 28,442 | 35,585 | 24,421 | 4,859 | 11,564 | 104,871 | 93,307 |
| 11MAR83 | 3,135 | 12,184 | 12,758 | 28,077 | 34,672 | 24,057 | 4,846 | 9,707 | 101,359 | 91,652 |
| 18MAR83 | 2,810 | 11,248 | 13,444 | 27,502 | 33,092 | 23,773 | 4,083 | 9,577 | 98,027 | 88,450 |
| 25MAR83 | 2,389 | 10,158 | 12,639 | 25,186 | 33,459 | 23,903 | 4,107 | 9,796 | 96,451 | 86,655 |
| 1APR83 | 2,392 | 10,076 | 12,218 | 24,686 | 30,962 | 24,253 | 4,335 | 9,028 | 93,264 | 84,236 |

## UNLEADED MOTOR GASOLINE STOCKS

| | NEW ENG. | CENTRAL | LOWER | DIST. 1 | DIST. 2 | DIST. 3 | DIST. 4 | DIST. 5 | TOTAL US | DIST. 1-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7JAN83 | 3,413 | 14,200 | 15,105 | 32,718 | 29,165 | 25,903 | 2,190 | 11,784 | 101,760 | 89,976 |
| 14JAN83 | 3,463 | 15,049 | 14,484 | 32,996 | 29,773 | 25,384 | 2,281 | 11,910 | 102,344 | 90,434 |
| 21JAN83 | 3,296 | 14,849 | 14,872 | 33,017 | 30,432 | 25,682 | 2,348 | 11,966 | 103,445 | 91,479 |
| 28JAN83 | 3,645 | 14,673 | 15,223 | 33,541 | 29,948 | 24,791 | 2,344 | 11,466 | 102,090 | 90,624 |
| 4FEB83 | 3,573 | 15,051 | 15,094 | 33,718 | 29,709 | 25,040 | 2,395 | 11,236 | 102,098 | 90,862 |
| 11FEB83 | 3,269 | 15,109 | 15,719 | 34,097 | 30,628 | 24,350 | 2,468 | 11,105 | 102,648 | 91,543 |
| 18FEB83 | 2,993 | 15,218 | 13,489 | 31,700 | 30,885 | 24,626 | 2,330 | 10,968 | 100,509 | 89,541 |
| 25FEB83 | 3,402 | 15,714 | 12,945 | 32,061 | 30,767 | 24,541 | 2,321 | 10,561 | 100,251 | 89,690 |
| 4MAR83 | 3,118 | 15,782 | 13,001 | 31,901 | 31,241 | 24,459 | 2,318 | 10,647 | 100,566 | 89,919 |
| 11MAR83 | 3,038 | 14,974 | 13,143 | 31,155 | 31,441 | 24,854 | 2,798 | 10,360 | 100,608 | 90,248 |
| 18MAR83 | 3,002 | 13,826 | 13,170 | 29,998 | 29,531 | 24,978 | 2,647 | 10,466 | 97,620 | 87,154 |
| 25MAR83 | 2,982 | 12,913 | 13,117 | 29,012 | 28,933 | 25,342 | 2,714 | 9,751 | 95,752 | 86,001 |
| 1APR83 | 2,835 | 12,924 | 12,715 | 28,474 | 27,896 | 26,245 | 2,413 | 10,233 | 95,261 | 85,028 |

## MOTOR GASOLINE BLENDING COMPONENT STOCKS

| | NEW ENG. | CENTRAL | LOWER | DIST. 1 | DIST. 2 | DIST. 3 | DIST. 4 | DIST. 5 | TOTAL US | DIST. 1-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7JAN83 | | 5,114 | | 5,114 | 8,965 | 17,000 | 2,581 | 6,604 | 40,264 | 33,660 |
| 14JAN83 | | 4,482 | | 4,482 | 9,778 | 16,885 | 2,845 | 7,058 | 41,048 | 33,990 |
| 21JAN83 | | 5,860 | | 5,860 | 8,342 | 17,663 | 2,206 | 7,344 | 41,415 | 34,071 |
| 28JAN83 | | 4,979 | 12 | 4,991 | 9,846 | 16,720 | 2,141 | 8,261 | 41,959 | 33,698 |
| 4FEB83 | | 5,239 | 19 | 5,258 | 9,232 | 17,900 | 2,600 | 8,103 | 43,093 | 34,990 |
| 11FEB83 | | 5,262 | 25 | 5,287 | 11,278 | 16,662 | 2,828 | 8,488 | 44,543 | 36,055 |
| 18FEB83 | | 4,770 | 22 | 4,792 | 10,387 | 18,850 | 3,030 | 9,186 | 46,245 | 37,059 |
| 25FEB83 | | 4,696 | 239 | 4,935 | 11,267 | 19,523 | 2,601 | 9,712 | 48,038 | 38,326 |
| 4MAR83 | | 4,286 | 306 | 4,592 | 10,276 | 21,329 | 2,654 | 9,189 | 48,040 | 38,851 |
| 11MAR83 | | 3,914 | 320 | 4,234 | 11,623 | 19,309 | 2,377 | 9,935 | 47,478 | 37,543 |
| 18MAR83 | | 4,165 | 384 | 4,549 | 10,876 | 18,225 | 3,123 | 9,545 | 46,318 | 36,773 |
| 25MAR83 | | 4,552 | 371 | 4,923 | 9,737 | 18,728 | 2,752 | 9,655 | 45,795 | 36,140 |
| 1APR83 | | 4,151 | 369 | 4,520 | 10,085 | 19,026 | 2,628 | 9,014 | 45,273 | 36,259 |

## *JET FUEL NAPHTHA STOCKS*

| | *NEW ENG.* | *CENTRAL* | *LOWER* | *DIST. 1* | *DIST. 2* | *DIST. 3* | *DIST. 4* | *DIST. 5* | *TOTAL US* | *DIST.* 1-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7*JAN*83 | 119 | 1,675 | 151 | 1,945 | 1,285 | 2,626 | 320 | 1,940 | 8,116 | 6,176 |
| 14*JAN*83 | 193 | 1,276 | 287 | 1,756 | 1,417 | 2,484 | 339 | 1,784 | 7,780 | 5,996 |
| 21*JAN*83 | 276 | 847 | 192 | 1,315 | 1,380 | 2,486 | 352 | 1,632 | 7,165 | 5,533 |
| 28*JAN*83 | 256 | 807 | 353 | 1,416 | 1,662 | 2,276 | 371 | 1,624 | 7,349 | 5,725 |
| 4*FEB*83 | 265 | 856 | 363 | 1,484 | 1,735 | 2,404 | 366 | 1,821 | 7,810 | 5,989 |
| 11*FEB*83 | 22 | 895 | 358 | 1,275 | 1,514 | 2,404 | 394 | 1,802 | 7,389 | 5,587 |
| 18*FEB*83 | 165 | 939 | 348 | 1,452 | 1,415 | 2,474 | 360 | 1,991 | 7,692 | 5,701 |
| 25*FEB*83 | 249 | 854 | 240 | 1,343 | 1,435 | 2,295 | 333 | 1,902 | 7,308 | 5,406 |
| 4*MAR*83 | 272 | 899 | 247 | 1,418 | 1,527 | 2,116 | 296 | 1,936 | 7,293 | 5,357 |
| 11*MAR*83 | 263 | 1,059 | 345 | 1,667 | 1,503 | 2,031 | 312 | 2,045 | 7,558 | 5,513 |
| 18*MAR*83 | 302 | 821 | 379 | 1,502 | 1,492 | 1,943 | 367 | 1,948 | 7,252 | 5,304 |
| 25*MAR*83 | 360 | 736 | 454 | 1,550 | 1,588 | 2,121 | 474 | 2,167 | 7,900 | 5,733 |
| 1*APR*83 | 260 | 1,076 | 347 | 1,683 | 1,398 | 2,177 | 380 | 2,230 | 7,868 | 5,638 |

## *JET FUEL KEROSINE STOCKS*

| | *NEW ENG.* | *CENTRAL* | *LOWER* | *DIST. 1* | *DIST. 2* | *DIST. 3* | *DIST. 4* | *DIST. 5* | *TOTAL US* | *DIST.* 1-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7*JAN*83 | 775 | 5,233 | 4,492 | 10,500 | 7,124 | 9,847 | 700 | 5,499 | 33,670 | 28,171 |
| 14*JAN*83 | 553 | 4,232 | 4,231 | 9,016 | 7,387 | 10,060 | 725 | 6,039 | 33,227 | 27,188 |
| 21*JAN*83 | 681 | 4,098 | 4,918 | 9,697 | 7,467 | 10,147 | 647 | 5,878 | 33,836 | 27,958 |
| 28*JAN*83 | 810 | 4,422 | 4,293 | 9,525 | 7,444 | 11,003 | 675 | 5,878 | 34,525 | 28,647 |
| 4*FEB*83 | 698 | 4,148 | 4,498 | 9,344 | 7,771 | 9,913 | 700 | 5,960 | 33,688 | 27,728 |
| 11*FEB*83 | 720 | 4,387 | 4,442 | 9,549 | 7,241 | 10,115 | 645 | 6,013 | 33,563 | 27,550 |
| 18*FEB*83 | 690 | 4,266 | 4,367 | 9,323 | 7,689 | 10,459 | 585 | 6,065 | 34,121 | 28,056 |
| 25*FEB*83 | 713 | 4,153 | 4,541 | 9,407 | 8,044 | 10,224 | 626 | 5,890 | 34,191 | 28,301 |
| 4*MAR*83 | 640 | 4,430 | 4,254 | 9,324 | 7,385 | 11,341 | 639 | 5,955 | 34,644 | 28,689 |
| 11*MAR*83 | 591 | 4,070 | 4,104 | 8,765 | 7,401 | 11,139 | 654 | 6,393 | 34,352 | 27,959 |
| 18*MAR*83 | 882 | 3,916 | 4,271 | 9,069 | 7,360 | 11,637 | 647 | 6,314 | 35,027 | 28,713 |
| 25*MAR*83 | 686 | 4,194 | 4,495 | 9,375 | 7,213 | 12,283 | 506 | 5,786 | 35,163 | 29,377 |
| 1*APR*83 | 835 | 4,802 | 4,499 | 10,136 | 7,409 | 12,463 | 710 | 5,650 | 36,368 | 30,718 |

## DISTILLATE STOCKS

| | NEW ENG. | CENTRAL | LOWER | DIST. 1 | DIST. 2 | DIST. 3 | DIST. 4 | DIST. 5 | TOTAL US | DIST. 1-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7JAN83 | 15,739 | 48,237 | 17,420 | 81,396 | 51,614 | 35,768 | 3,882 | 12,975 | 185,635 | 172,660 |
| 14JAN83 | 15,746 | 46,206 | 18,013 | 79,965 | 51,305 | 34,222 | 4,126 | 13,267 | 182,885 | 169,618 |
| 21JAN83 | 14,343 | 45,513 | 16,685 | 76,541 | 50,448 | 33,182 | 4,139 | 12,935 | 177,245 | 164,310 |
| 28JAN83 | 13,340 | 41,964 | 15,837 | 71,141 | 48,787 | 32,867 | 4,119 | 13,368 | 170,282 | 156,914 |
| | | | | | | | | | | |
| 4FEB83 | 12,665 | 41,151 | 15,253 | 69,069 | 48,406 | 32,096 | 4,210 | 12,839 | 166,620 | 153,781 |
| 11FEB83 | 11,619 | 37,160 | 14,466 | 63,245 | 48,997 | 31,123 | 4,058 | 12,769 | 160,192 | 147,423 |
| 18FEB83 | 10,422 | 34,542 | 14,606 | 59,570 | 47,460 | 32,251 | 4,109 | 12,933 | 156,323 | 143,390 |
| 25FEB83 | 10,557 | 32,086 | 15,195 | 57,838 | 47,669 | 30,475 | 3,910 | 12,769 | 152,661 | 139,892 |
| | | | | | | | | | | |
| 4MAR83 | 9,698 | 30,295 | 15,111 | 55,104 | 47,796 | 28,749 | 3,960 | 13,157 | 148,766 | 135,609 |
| 11MAR83 | 9,212 | 28,640 | 13,743 | 51,595 | 46,190 | 29,753 | 3,926 | 13,033 | 144,497 | 131,464 |
| 18MAR83 | 7,829 | 25,956 | 13,201 | 46,986 | 44,976 | 28,698 | 3,875 | 12,668 | 137,203 | 124,535 |
| 25MAR83 | 6,835 | 25,257 | 12,840 | 44,932 | 43,346 | 29,873 | 3,583 | 12,364 | 134,098 | 121,734 |
| | | | | | | | | | | |
| 1APR83 | 6,154 | 23,322 | 12,178 | 41,654 | 41,165 | 29,215 | 3,310 | 11,762 | 127,106 | 115,344 |

## RESIDUAL STOCKS

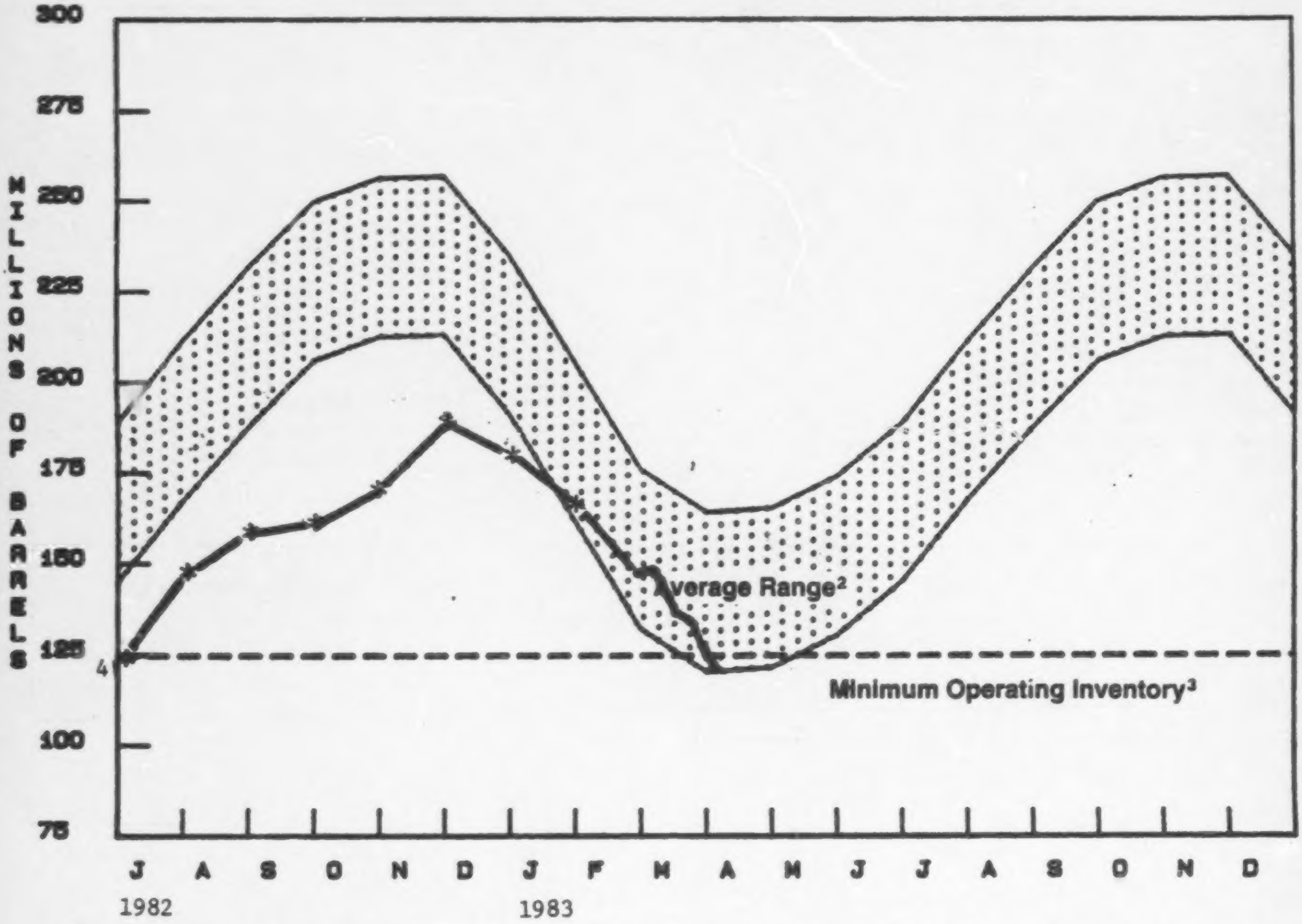
| | NEW ENG. | CENTRAL | LOWER | DIST. 1 | DIST. 2 | DIST. 3 | DIST. 4 | DIST. 5 | TOTAL US | DIST. 1-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7JAN83 | 2,952 | 27,753 | 5,883 | 36,588 | 5,882 | 15,924 | 552 | 10,316 | 69,262 | 58,946 |
| 14JAN83 | 3,008 | 26,924 | 5,632 | 35,564 | 5,874 | 15,044 | 506 | 9,702 | 66,690 | 56,988 |
| 21JAN83 | 2,685 | 25,968 | 5,893 | 34,546 | 5,758 | 15,833 | 569 | 10,177 | 66,883 | 56,706 |
| 28JAN83 | 1,989 | 23,351 | 4,942 | 30,282 | 5,461 | 14,776 | 478 | 8,684 | 59,681 | 50,997 |
| | | | | | | | | | | |
| 4FEB83 | 1,998 | 24,108 | 4,533 | 30,639 | 5,331 | 16,560 | 518 | 8,411 | 61,459 | 53,048 |
| 11FEB83 | 1,964 | 23,391 | 4,094 | 29,449 | 5,171 | 15,710 | 446 | 9,063 | 59,839 | 50,776 |
| 18FEB83 | 2,037 | 20,328 | 3,737 | 26,102 | 5,113 | 14,324 | 416 | 8,221 | 54,176 | 45,955 |
| 25FEB83 | 1,936 | 16,642 | 7,077 | 25,655 | 5,088 | 14,851 | 373 | 9,161 | 55,128 | 45,967 |
| | | | | | | | | | | |
| 4MAR83 | 2,070 | 19,658 | 3,391 | 25,119 | 4,962 | 14,573 | 369 | 9,629 | 54,652 | 45,023 |
| 11MAR83 | 2,089 | 20,267 | 4,219 | 26,575 | 4,781 | 14,330 | 382 | 9,280 | 55,348 | 46,068 |
| 18MAR83 | 2,046 | 18,514 | 3,644 | 24,204 | 4,416 | 12,478 | 376 | 9,285 | 50,759 | 41,474 |
| 25MAR83 | 2,356 | 16,607 | 3,695 | 22,658 | 4,409 | 12,067 | 394 | 10,160 | 49,688 | 39,528 |
| | | | | | | | | | | |
| 1APR83 | 2,311 | 14,772 | 3,834 | 20,917 | 4,174 | 12,059 | 375 | 9,941 | 47,466 | 37,525 |

## CRUDE OIL STOCKS

| | DIST.1 | DIST. 2 | DIST. 3 | DIST. 4 | DIST.1-4 | DIST. 5 | TOTAL US |
|---|---|---|---|---|---|---|---|
| 7JAN83 | 18,483 | 77,504 | 164,930 | 13,099 | 274,016 | 75,850 | 349,866 |
| 14JAN83 | 17,091 | 78,308 | 167,404 | 13,845 | 276,648 | 85,507 | 362,155 |
| 21JAN83 | 18,405 | 79,445 | 165,930 | 14,277 | 278,057 | 83,388 | 361,445 |
| 28JAN83 | 20,234 | 76,853 | 166,585 | 14,850 | 278,522 | 85,118 | 363,640 |
| 4FEB83 | 18,655 | 78,037 | 167,086 | 14,500 | 278,278 | 80,505 | 358,783 |
| 11FEB83 | 17,067 | 78,672 | 170.443 | 14,579 | 280,761 | 81,862 | 362,623 |
| 18FEB83 | 19,684 | 80,102 | 169,633 | 15,634 | 285,053 | 84,139 | 369,192 |
| 25FEB83 | 17,449 | 80,901 | 165,737 | 16,176 | 280,263 | 85,087 | 365,350 |
| 4MAR83 | 15,695 | 81,727 | 160,271 | 16,208 | 273,901 | 85,569 | 359,470 |
| 11MAR83 | 16,270 | 82,364 | 158,672 | 15,858 | 273,164 | 86,316 | 359,480 |
| 18MAR83 | 15,550 | 81,505 | 157,727 | 15,689 | 270,471 | 85,819 | 356,290 |
| 25MAR83 | 14,494 | 81,019 | 158,058 | 15,861 | 269,432 | 84,619 | 354,051 |
| 1APR83 | 14,543 | 81,192 | 154,722 | 15,730 | 266,187 | 77,918 | 344,105 |

Week Ended April 8, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] 5



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

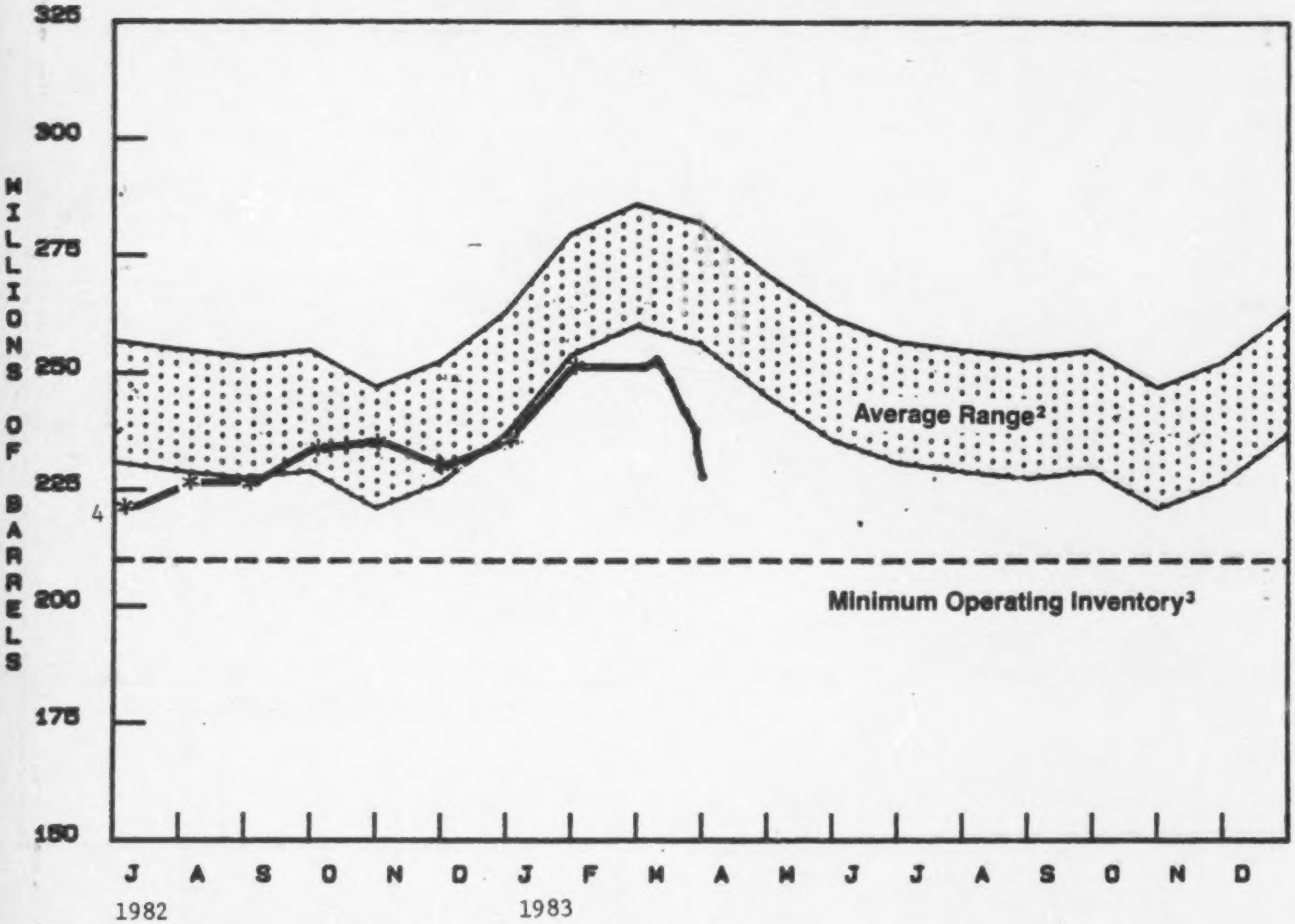
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 8, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

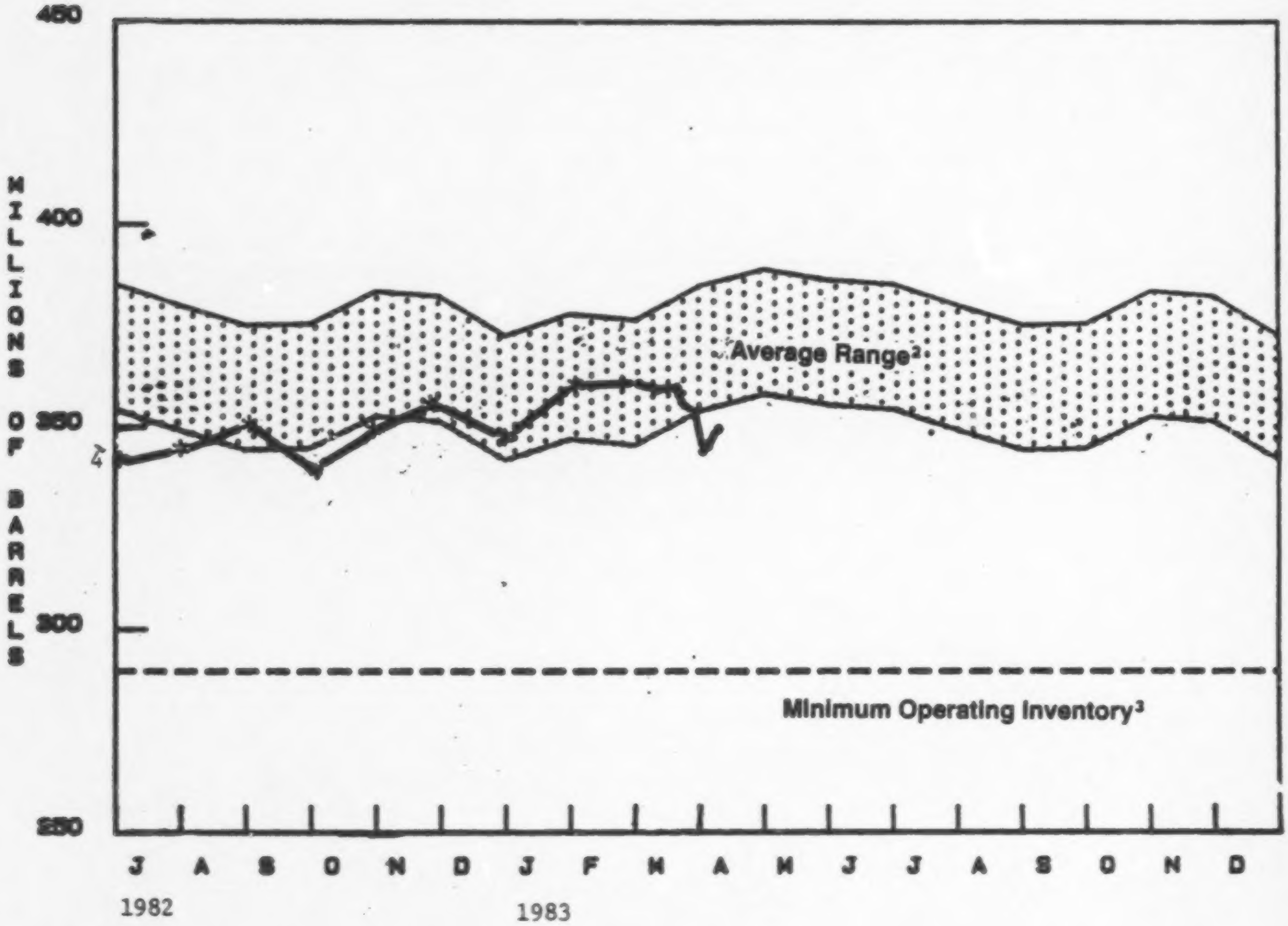
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 4/25/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** APRIL 15, 1983 **NO.** 15

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 04/15/83 | Last Week Ending: 04/08/83 | Last Year Week Ending: 04/16/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,722 | 11,614 | 11,891 | + 108 | - 169 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 69.6 | 68.9 | 68.0 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,118 | 6,182 | 5,930 | - 64 | + 188 |
| Finished leaded motor gasoline production | 2,704 | 2,764 | N/A | - 60 | N/A |
| Finished unleaded motor gasoline production | 3,414 | 3,418 | N/A | - 4 | N/A |
| Total motor gasoline stocks | 226,019 | 227,632 | 239,640 | - 1,613 | - 13,621 |
| Finished leaded motor gasoline stocks | 89,579 | 90,877 | N/A | - 1,298 | N/A |
| Finished unleaded motor gasoline stocks | 91,412 | 92,464 | 93,245 | - 1,052 | - 1,833 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,194 | 2,131 | 2,263 | + 63 | - 69 |
| Distillate fuel oil stocks | 115,637 | 120,728 | 117,666 | - 5,091 | - 2,029 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 998 | 1,007 | 1,146 | - 9 | - 148 |
| Residual fuel oil stocks | 47,307 | 47,467 | 58,127 | - 160 | - 10,820 |
| Imports | | | | | |
| Crude oil imports | 2,342 | 2,320 | 2,626 | + 22 | - 284 |
| Product imports | 1,569 | 1,608 | 1,213 | - 39 | + 356 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 356,109 | 350,808 | 371,680 | + 5,301 | - 15,571 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
VOL. 64 For Week Ended APRIL 15, 1983 NO. 15

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,050 | 970 | 1,003 | 1,569 | 63.9 |
| Appal. No. 1 | 81 | 77 | 77 | 98 | 78.6 |
| **DISTRICT 1 TOTAL** | 1,131 | 1,047 | 1,080 | 1,667 | 64.8 |
| Appal. No. 2 | 45 | 41 | 45 | 66 | 68.2 |
| Ind., Ill., Ky. | 1,906● | 1,765 | 1,770 | 2,399 | 73.8 |
| Minn., Wis., Daks. | 251 | 238 | 244 | 293 | 83.3 |
| Okla., Kans., Mo. | 725 | 626 | 633 | 858 | 73.8 |
| **DISTRICT 2 TOTAL** | 2,927● | 2,670 | 2,692 | 3,616 | 74.4 |
| Inland Texas | 506 | 447 | 470 | 592 | 79.4 |
| Texas Gulf Coast | 3,010 | 2,742 | 2,823 | 4,164 | 67.8 |
| La. Gulf Coast | 2,130 | 1,924 | 1,963 | 2,748 | 71.4 |
| N. La. and Ark. | 202 | 178 | 193 | 314 | 61.5 |
| New Mexico | 93 | 75 | 79 | 117 | 67.5 |
| **DISTRICT 3 TOTAL** | 5,941 | 5,366 | 5,528 | 7,935 | 69.7 |
| **DISTRICT 4 TOTAL** | 427 | 387 | 393 | 553 | 71.1 |
| **DISTRICT 5 TOTAL** | 2,173● | 1,967● | 2,029● | 3,083 | 65.8● |
| **TOTAL U.S.** | 12,599 | 11,437 | 11,722 | 16,854 | 69.6 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| APR. 8, 1983 | 12,644● | 11,335● | 11,614● | 16,854 | 68.9● |
| APR. 16, 1982 | 12,740 | 11,493 | 11,891 | 17,492 | 68.0 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | |
| APR. 15, 1983 | 10,426 | 9,470 | 9,693 | 13,771 | 70.4 |
| APR. 8, 1983 | 10,480● | 9,302 | 9,565 | 13,771 | 69.5 |
| APR. 16, 1982 | 10,419 | 9,389 | 9,704 | 14,408 | 67.4 |

● *SEE REVISIONS ON PAGE 7.*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *APRIL* 15, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 544 | 173 | 371 | 15 | 42 | 233 | 101 |
| Appal. No. 1 | 33 | 18 | 15 | 2 | -- | 26 | 8 |
| **DISTRICT 1 TOTAL** | 577 | 191 | 386 | 17 | 42 | 259 | 109 |
| Appal. No. 2 | 32 | 15 | 17 | 2 | 4 | 7 | -- |
| Ind., Ill., Ky. | 1,148 | 525 | 623 | 10 | 80 | 296 | 67 |
| Minn., Wis., Daks. | 150 | 72 | 78 | 3 | 4 | 54 | 3 |
| Okla., Kans., Mo. | 416 | 242 | 174 | 7 | 12 | 137 | 8 |
| **DISTRICT 2 TOTAL** | 1,746 | 854 | 892 | 22 | 100 | 494 | 78 |
| Inland Texas | 232 | 91 | 141 | 26 | 27 | 106 | 13 |
| Texas Gulf Coast | 1,319 | 537 | 782 | 32 | 194 | 587 | 223 |
| La. Gulf Coast | 986 | 435 | 551 | 10 | 196 | 310 | 180 |
| N. La. and Ark. | 70 | 36 | 34 | 8 | -- | 47 | 10 |
| New Mexico | 22 | 9 | 13 | 17 | -- | 22 | 2 |
| **DISTRICT 3 TOTAL** | 2,629 | 1,108 | 1,521 | 93 | 417 | 1,072 | 428 |
| **DISTRICT 4 TOTAL** | 240 | 112 | 128 | 10 | 18 | 90 | 7 |
| **DISTRICT 5 TOTAL** | 926 | 439 | 487 | 36 | 213 | 279 | 376 |
| **TOTAL U.S.** | 6,118 | 2,704 | 3,414 | 178 | 790 | 2,194 | 998 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | | |
| *APR.* 8, 1983 | 6,182 | 2,764 | 3,418 | 167 | 881 | 2,131 | 1,007 |
| *APR.* 16, 1982 | 5,930 | *N/A* | *N/A* | 165 | 859 | 2,263 | 1,146 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | | | |
| *APR.* 15, 1983 | 5,192 | 2,265 | 2,927 | 142 | 577 | 1,915 | 622 |
| *APR.* 8, 1983 | 5,252 | 2,338 | 2,914 | 132 | 648 | 1,842 | 643 |
| *APR.* 16, 1982 | 5,054 | *N/A* | *N/A* | 127 | 675 | 1,918 | 740 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** APRIL 15, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,549 | 2,634 | 2,915 | -- | 191 | 737 | 5,319 | 1,602 | -- |
| Central Atlantic | 25,879● | 10,434 | 11,582● | 3,863 | 692 | 5,249 | 19,620 | 14,316 | 12,949 |
| Lower Atlantic | 26,339 | 13,823 | 12,055 | 461 | 256 | 4,385 | 10,919 | 3,664 | 365 |
| **DISTRICT 1 TOTAL** | 57,767● | 26,891 | 26,552● | 4,324 | 1,139 | 10,371 | 35,858 | 19,582 | 13,314 |
| **DISTRICT 2 TOTAL** | 68,547● | 28,949 | 28,509● | 11,089 | 1,196 | 7,728 | 37,565 | 4,191 | 18,495 |
| **DISTRICT 3 TOTAL** | 64,677 | 21,886 | 23,779 | 19,012 | 2,561 | 10,588 | 27,470 | 13,616 | 50,483 |
| **DISTRICT 4 TOTAL** | 8,314 | 3,129 | 1,875 | 3,310 | 322 | 730 | 3,079 | 399 | 2,743 |
| **DISTRICT 5 TOTAL** | 26,714● | 8,724● | 10,697● | 7,293 | 1,717 | 6,316 | 11,665 | 9,519 | 28,203● |
| **TOTAL U.S.** | 226,019 | 89,579 | 91,412 | 45,028 | 6,935 | 35,733 | 115,637 | 47,307 | 113,238 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| APR. 8, 1983 | 227,632● | 90,877● | 92,464● | 44,291 | 7,370 | 35,656 | 120,728 | 47,467 | 110,242● |
| APR. 16, 1982 | 239,640 | N/A | 93,245 | N/A | 6,424 | 36,246 | 117,666 | 58,127 | 117,758 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | | | | | |
| APR. 15, 1983 | 199,305 | 80,855 | 80,715 | 37,735 | 5,218 | 29,417 | 103,972 | 37,788 | 85,035 |
| APR. 8, 1983 | 200,200● | 81,820 | 81,818● | 36,562 | 5,385 | 29,428 | 108,397 | 37,881 | 82,921 |
| APR. 16, 1982 | 212,058 | N/A | 83,482 | N/A | 4,953 | 29,116 | 106,293 | 47,674 | 92,524 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● SEE REVISIONS ON PAGE 7.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *NOV*, 1982 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *APR*. 15, 1983 | 5,881.4 | 5,907.0 | 2,236 | 172 | 266,480 |
| *APR*. 8, 1983 | 5,881.4 | -- | 2,189 | 190 | 264,781● |
| *APR*. 1, 1983 | 5,902.9 | -- | 2,250 | 192 | 266,187 |
| *MAR*. 25, 1983 | 5,902.9 | -- | 2,278 | 183 | 269,432 |
| **DISTRICT 5 TOTAL** | | | | | |
| *APR*. 15, 1983 | 2,829.0 | 2,776.0 | 106 | 8 | 89,629 * |
| *APR*. 8, 1983 | 2,829.0 | -- | 131 | -- | 86,027 |
| *APR*. 1, 1983 | 2,826.2 | -- | 93 | 28 | 77,918 |
| *MAR*. 25, 1983 | 2,826.2 | -- | 79 | 14 | 84,619 |
| **TOTAL U.S.** | | | | | |
| *APR*. 15, 1983 | 8,710.4 | 8,683.0 | 2,342 | 180 | 356,109 * |
| *APR*. 8, 1983 | 8,710.4 | -- | 2,320 | 190 | 350,808● |
| *APR*. 1, 1983 | 8,729.1 | -- | 2,343 | 220 | 344,105 |
| *MAR*. 25, 1983 | 8,729.1 | -- | 2,357 | 197 | 354,051 |
| *APR*. 16, 1982 | 8,608.0/A | -- | 2,626 | 136 | 371,680 |

**INCLUDES* 31,957 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A - DOE ACTUAL FOR APRIL* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *APR*. 15, 1983 | 17,956 | 78,403 | 154,645 | 15,476 | 266,480 | 89,629 * | 356,109 * |
| *APR*. 8, 1983 | 15,948 | 78,767● | 153,973 | 16,093 | 264,781● | 86,027 | 350,808● |
| *APR*. 16, 1982 | 20,720 | 81,433 | 165,008 | 15,048 | 282,209 | 89,471 | 371,680 |

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[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 70 | 47 | 23 | -- | -- | -- | 100 | 8 | -- | -- | 178 |
| Central Atlantic | 101 | 68 | 33 | -- | 9 | 66 | 607 | 8 | 49 | 31 | 871 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| APR. 15, 1983 | 171 | 115 | 56 | -- | 9 | 66 | 707 | 16 | 49 | 31 | 1,049 |
| APR. 8, 1983 | 176 | 120 | 56 | -- | 10 | 35 | 604 | 15 | 159 | 21 | 1,020 |
| APR. 1, 1983 | 162 | 76 | 86 | -- | -- | -- | 652 | 2 | 8 | 3 | 827 |
| MAR. 25, 1983 | 149 | 98 | 51 | -- | 17 | 20 | 575 | 9 | 16 | 62 | 848 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| APR. 15, 1983 | 26 | 22 | 4 | -- | -- | -- | 98 | 180 | 68 | 79 | 451 |
| APR. 8, 1983 | 4 | 4 | -- | -- | -- | -- | 91 | 203 | 113 | 118 | 529 |
| APR. 1, 1983 | -- | -- | -- | -- | -- | -- | -- | 73 | 47 | -- | 120 |
| MAR. 25, 1983 | -- | -- | -- | -- | -- | 3 | 40 | 263 | 154 | 24 | 484 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| APR. 15, 1983 | 25 | 18 | 7 | -- | -- | 6 | 11 | 16 | -- | 11 | 69 |
| APR. 8, 1983 | 21 | 14 | 7 | -- | -- | 7 | 11 | 15 | -- | 5 | 59 |
| APR. 1, 1983 | 2 | 1 | 1 | -- | -- | 7 | 10 | 3 | -- | -- | 22 |
| MAR. 25, 1983 | 24 | 15 | 9 | -- | -- | 7 | 10 | 12 | -- | 9 | 62 |
| **TOTAL U.S.** | 222 | 155 | 67 | -- | 9 | 72 | 816 | 212 | 117 | 121 | 1,569 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| APR. 8, 1983 | 201 | 138 | 63 | -- | 10 | 42 | 706 | 233 | 272 | 144 | 1,608 |
| APR. 1, 1983 | 164 | 77 | 87 | -- | -- | 7 | 662 | 78 | 55 | 3 | 969 |
| MAR. 25, 1983 | 173 | 113 | 60 | -- | 17 | 30 | 625 | 284 | 170 | 95 | 1,394 |
| APR. 16, 1982 | 195 | N/A | 65 | -- | 19 | 31 | 670 | 179 | 108 | 9 | 1,213 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

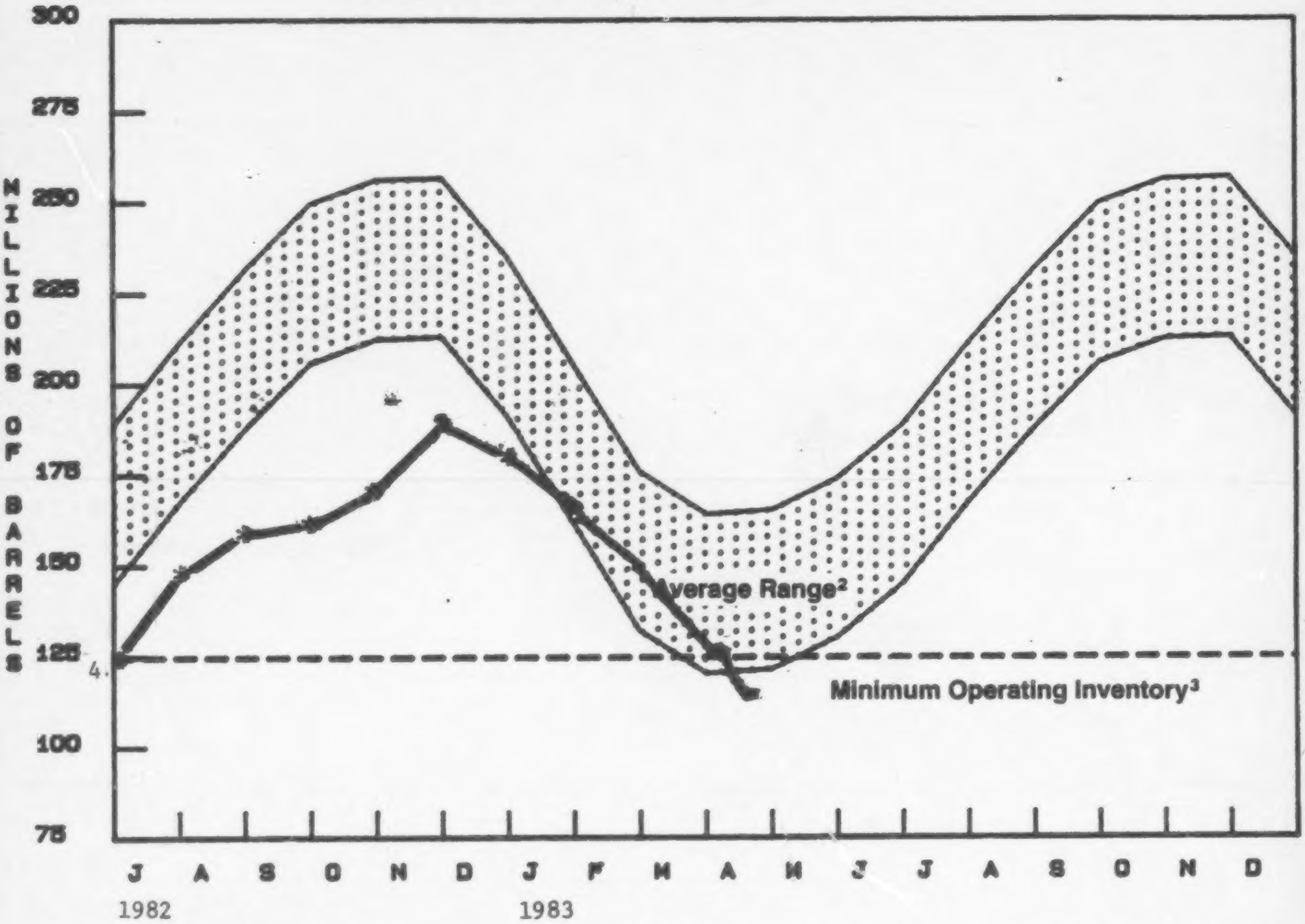
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 4/08/83 | PAGE 1 | TOTAL REFINERY INPUT | IND., ILL., KY. | 1,883 |
| | | | DISTRICT 2 TOTAL | 2,869 |
| | | | DISTRICT 5 TOTAL | 2,164 |
| | | | TOTAL U.S. | 12,644 |
| | | | DISTRICTS 1-4 | 10,480 |
| | | CRUDE OIL RUNS | DISTRICT 5 TOTAL | 2,033 |
| | | | TOTAL U.S. | 11,335 |
| | | INPUT TO CRUDE OIL | DISTRICT 5 TOTAL | 2,049 |
| | | | TOTAL U.S. | 11,614 |
| | | o/o OPERATED | DISTRICT 5 TOTAL | 66.5 |
| | | | TOTAL U.S. | 68.9 |
| | PAGE 3 | TOTAL MGAS | CENTRAL ATLANTIC | 26,320 |
| | | | DISTRICT 1 TOTAL | 57,294 |
| | | | DISTRICT 2 TOTAL | 68,703 |
| | | | DISTRICT 5 TOTAL | 27,432 |
| | | | TOTAL U.S. | 227,632 |
| | | | DISTRICTS 1-4 | 200,200 |
| | | LEADED MGAS | DISTRICT 5 TOTAL | 9,057 |
| | | | TOTAL U.S. | 90,877 |
| | | UNLEADED MGAS | CENTRAL ATLANTIC | 11,993 |
| | | | DISTRICT 1 TOTAL | 26,301 |
| | | | DISTRICT 2 TOTAL | 29,270 |
| | | | DISTRICT 5 TOTAL | 10,646 |
| | | | TOTAL U.S. | 92,464 |
| | | | DISTRICTS 1-4 | 81,818 |
| | | UNFINISHED OILS | DISTRICT 5 TOTAL | 27,321 |
| | | | TOTAL U.S. | 110,242 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 264,781 |
| | | | TOTAL U.S. | 350,808 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 2 | 78,767 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 264,781 |
| | | TOTAL | TOTAL U.S. | 350,808 |

## Distillate Fuel Oil Stocks at Primary Level[1] 5



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

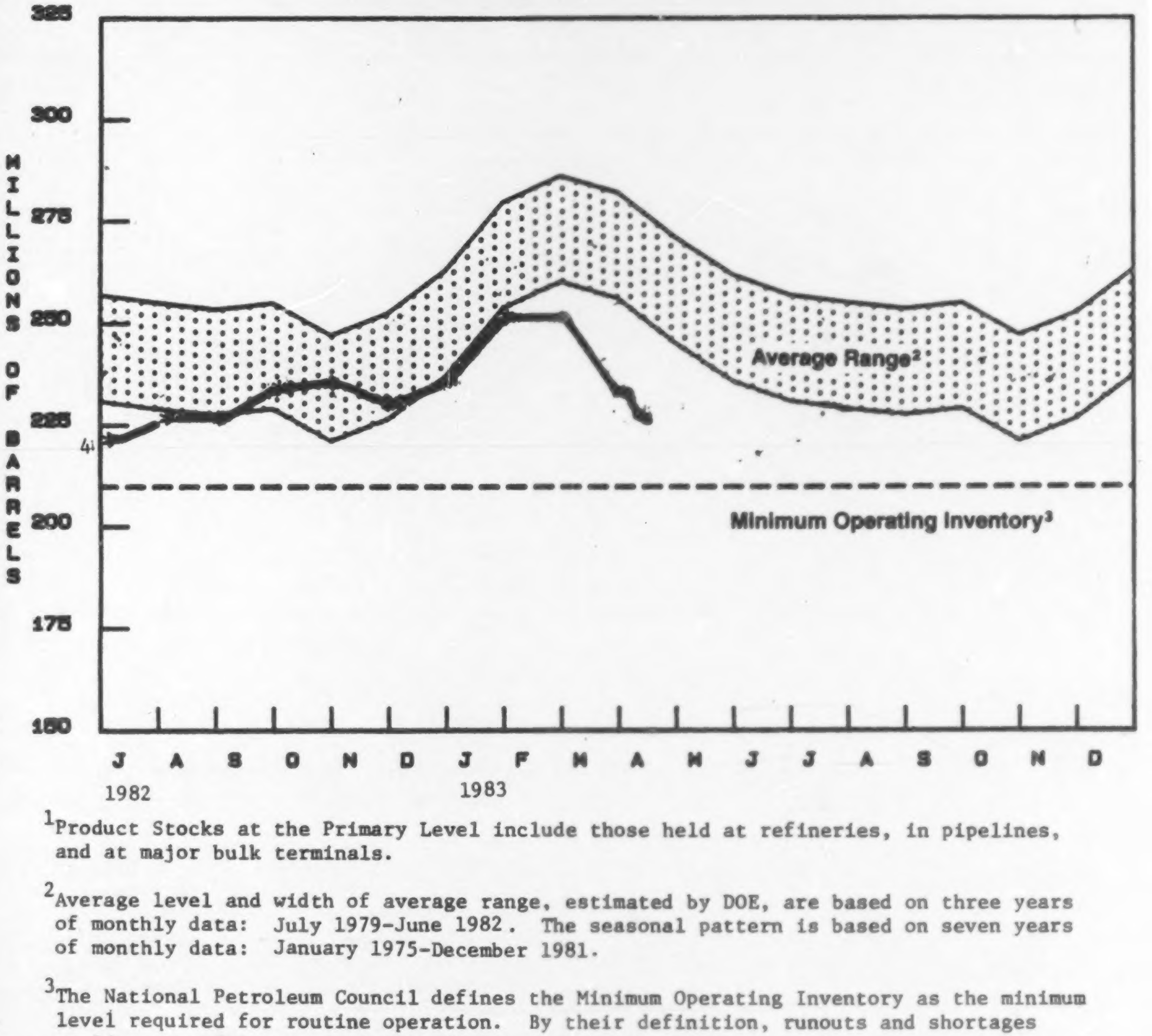
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended APRIL 15, 1983

## Motor Gasoline Stocks at Primary Level[1,5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

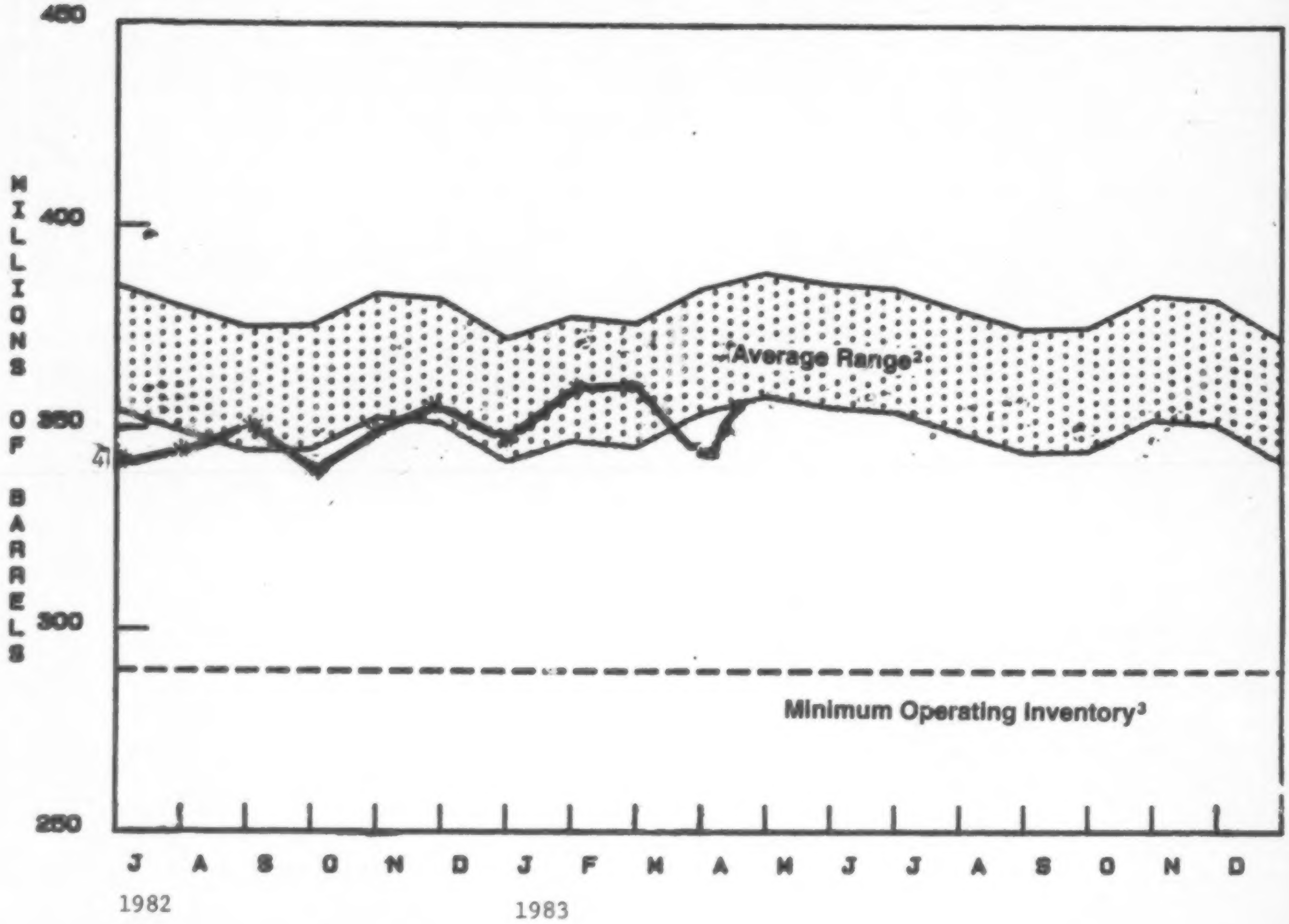
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended APRIL 15, 1983

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *APRIL* 22, 1983 **NO.** 16

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | **Current Week Ending:** 04/22/83 | **Last Week Ending:** 04/15/83 | **Last Year Week Ending:** 04/23/82 | **Change From Last Week** | **Change From Last Year** |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,905 | 11,722 | 11,774 | + 183 | + 131 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 70.6 | 69.6 | 67.3 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,359 | 6,118 | 5,998 | + 241 | + 361 |
| Finished leaded motor gasoline production | 2,833 | 2,704 | *N/A* | + 129 | *N/A* |
| Finished unleaded motor gasoline production | 3,526 | 3,414 | *N/A* | + 112 | *N/A* |
| Total motor gasoline stocks | 225,045 | 226,019 | 235,826 | - 974 | - 10,781 |
| Finished leaded motor gasoline stocks | 91,563 | 89,579 | *N/A* | + 1,984 | *N/A* |
| Finished unleaded motor gasoline stocks | 92,107 | 91,412 | 92,979 | + 695 | - 872 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,340 | 2,194 | 2,375 | + 146 | - 35 |
| Distillate fuel oil stocks | 112,919 | 115,637 | 113,962 | - 2,718 | - 1,043 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 1,021 | 998 | 1,136 | + 23 | - 115 |
| Residual fuel oil stocks | 45,249 | 47,307 | 54,923 | - 2,058 | - 9,674 |
| Imports | | | | | |
| Crude oil imports | 3,171 | 2,342 | 3,104 | + 829 | + 67 |
| Product imports | 1,230 | 1,569 | 1,400 | - 339 | - 170 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 352,173 | 356,475 | 375,277 | - 4,302 | - 23,104 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *APRIL* 22, 1983 **NO.** 16

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,190● | 980 | 1,007 | 1,569 | 64.2 |
| Appal. No. 1 | 77 | 72 | 72 | 98 | 73.5 |
| **DISTRICT 1 TOTAL** | 1,267● | 1,052 | 1,079 | 1,667 | 64.7 |
| Appal. No. 2 | 47 | 44 | 47 | 66 | 71.2 |
| Ind., Ill., Ky. | 1,889 | 1,820 | 1,850 | 2,399 | 77.1 |
| Minn., Wis., Daks. | 265 | 258 | 264 | 293 | 90.1 |
| Okla., Kans., Mo. | 726 | 611 | 626 | 858 | 73.0 |
| **DISTRICT 2 TOTAL** | 2,927 | 2,733 | 2,787 | 3,616 | 77.1 |
| Inland Texas | 489 | 446 | 471 | 592 | 79.6 |
| Texas Gulf Coast | 3,117 | 2,802 | 2,889 | 4,164 | 69.4 |
| La. Gulf Coast | 2,257 | 2,017 | 2,065 | 2,748 | 75.1 |
| N. La. and Ark. | 208 | 183 | 198 | 314 | 63.1 |
| New Mexico | 88 | 78 | 83 | 117 | 70.9 |
| **DISTRICT 3 TOTAL** | 6,159 | 5,526 | 5,706 | 7,935 | 71.9 |
| **DISTRICT 4 TOTAL** | 393 | 366 | 371 | 553 | 67.1 |
| **DISTRICT 5 TOTAL** | 2,125 | 1,922 | 1,962 | 3,083 | 63.6 |
| **TOTAL U.S.** | 12,871 | 11,599 | 11,905 | 16,854 | 70.6 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| *APR*. 15, 1983 | 12,742● | 11,437 | 11,722 | 16,854 | 69.6 |
| *APR*. 23, 1982 | 12,347 | 11,418 | 11,774 | 17,492 | 67.3 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| *APR*. 22, 1983 | 10,746 | 9,677 | 9,943 | 13,771 | 72.2 |
| *APR*. 15, 1983 | 10,569● | 9,470 | 9,693 | 13,771 | 70.4 |
| *APR*. 23, 1982 | 10,283 | 9,427 | 9,702 | 14,408 | 67.3 |

● *SEE REVISIONS ON PAGE* 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** APRIL 22, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| **DISTRICT** | **Total Motor Gasoline[1]** | **Finished Leaded** | **Finished Unleaded** | **Naphtha Type** | **Kerosine Type** | **Distillate Fuel Oil[2]** | **Residual Fuel Oil** |
| East Coast | 568 | 298 | 270 | 9 | 42 | 248 | 111 |
| Appal. No. 1 | 34 | 14 | 20 | 1 | -- | 20 | 4 |
| **DISTRICT 1 TOTAL** | 602 | 312 | 290 | 10 | 42 | 268 | 115 |
| Appal. No. 2 | 25 | 22 | 3 | 1 | 4 | 7 | 1 |
| Ind., Ill., Ky. | 1,127 | 487 | 640 | 18 | 108 | 280 | 79 |
| Minn., Wis., Daks. | 166 | 45 | 121 | 3 | 7 | 68 | 9 |
| Okla., Kans., Mo. | 408 | 268 | 140 | 5 | 12 | 151 | 16 |
| **DISTRICT 2 TOTAL** | 1,726 | 822 | 904 | 27 | 131 | 506 | 105 |
| Inland Texas | 245 | 130 | 115 | 28 | 33 | 98 | 20 |
| Texas Gulf Coast | 1,431 | 517 | 914 | 38 | 171 | 647 | 182 |
| La. Gulf Coast | 1,107 | 470 | 637 | 3 | 216 | 353 | 183 |
| N. La. and Ark. | 68 | 26 | 42 | 6 | -- | 52 | 15 |
| New Mexico | 20 | 20 | -- | 17 | 2 | 25 | 3 |
| **DISTRICT 3 TOTAL** | 2,871 | 1,163 | 1,708 | 92 | 422 | 1,175 | 403 |
| **DISTRICT 4 TOTAL** | 234 | 137 | 97 | 9 | 9 | 94 | 8 |
| **DISTRICT 5 TOTAL** | 926 | 399 | 527 | 75 | 185 | 297 | 390 |
| **TOTAL U.S.** | 6,359 | 2,833 | 3,526 | 213 | 789 | 2,340 | 1,021 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| APR. 15, 1983 | 6,118 | 2,704 | 3,414 | 178 | 790 | 2,194 | 998 |
| APR. 23, 1982 | 5,998 | N/A | N/A | 229 | 812 | 2,375 | 1,136 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| APR. 22, 1983 | 5,433 | 2,434 | 2,999 | 138 | 604 | 2,043 | 631 |
| APR. 15, 1983 | 5,192 | 2,265 | 2,927 | 142 | 577 | 1,915 | 622 |
| APR. 23, 1982 | 5,117 | N/A | N/A | 163 | 642 | 2,065 | 772 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** APRIL 22, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Motor Gasoline Blending Components | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| New England | 5,059 | 2,515 | 2,544 | -- | 150 | 686 | 4,620 | 1,791 | -- |
| Central Atlantic | 27,002 | 11,279 | 12,370 | 3,353 | 633 | 5,266 | 19,533 | 14,021 | 12,591 |
| Lower Atlantic | 27,504 | 14,431 | 12,758 | 315 | 207 | 3,658 | 10,857 | 3,158 | 438 |
| **DISTRICT 1 TOTAL** | 59,565 | 28,225 | 27,672 | 3,668 | 990 | 9,610 | 35,010 | 18,970 | 13,029 |
| **DISTRICT 2 TOTAL** | 66,891 | 28,465 | 27,898 | 10,528 | 1,333 | 7,536 | 36,159 | 4,177 | 19,282 |
| **DISTRICT 3 TOTAL** | 64,042 | 22,493 | 24,118 | 17,431 | 2,429 | 10,834 | 27,973 | 12,503 | 51,560 |
| **DISTRICT 4 TOTAL** | 8,355 | 3,227 | 1,868 | 3,260 | 242 | 793 | 2,823 | 356 | 2,972 |
| **DISTRICT 5 TOTAL** | 26,192 | 9,153 | 10,551 | 6,488 | 1,525 | 6,230 | 10,954 | 9,243 | 27,458 |
| **TOTAL U.S.** | 225,045 | 91,563 | 92,107 | 41,375 | 6,519 | 35,003 | 112,919 | 45,249 | 114,301 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| APR. 15, 1983 | 226,019 | 89,579 | 91,412 | 45,028 | 6,935 | 35,733 | 115,637 | 47,307 | 113,238 |
| APR. 23, 1982 | 235,826 | N/A | 92,979 | N/A | 6,615 | 36,123 | 113,962 | 54,923 | 119,462 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| APR. 22, 1983 | 198,853 | 82,410 | 81,556 | 34,887 | 4,994 | 28,773 | 101,965 | 36,006 | 86,843 |
| APR. 15, 1983 | 199,305 | 80,855 | 80,715 | 37,735 | 5,218 | 29,417 | 103,972 | 37,788 | 85,035 |
| APR. 23, 1982 | 208,785 | N/A | 83,782 | N/A | 5,127 | 28,959 | 102,602 | 44,878 | 93,711 |

---

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy *DEC* 1982 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *APR.* 22, 1983 | 5,881.4 | 5,821.0 | 3,134 | 198 | 264,856 |
| *APR.* 15, 1983 | 5,881.4 | -- | 2,236 | 172 | 266,846● |
| *APR.* 8, 1983 | 5,881.4 | -- | 2,189 | 190 | 264,781 |
| *APR.* 1, 1983 | 5,902.9 | -- | 2,250 | 192 | 266,187 |
| **DISTRICT 5 TOTAL** | | | | | |
| *APR.* 22, 1983 | 2,829.0 | 2,780.0 | 37 | 7 | 87,317 * |
| *APR.* 15, 1983 | 2,829.0 | -- | 106 | 8 | 89,629 |
| *APR.* 8, 1983 | 2,829.0 | -- | 131 | -- | 86,027 |
| *APR.* 1, 1983 | 2,826.2 | -- | 93 | 28 | 77,918 |
| **TOTAL U.S.** | | | | | |
| *APR.* 22, 1983 | 8,710.4 | 8,601.0 | 3,171 | 205 | 352,173 * |
| *APR.* 15, 1983 | 8,710.4 | -- | 2,342 | 180 | 356,475● |
| *APR.* 8, 1983 | 8,710.4 | -- | 2,320 | 190 | 350,808 |
| *APR.* 1, 1983 | 8,729.1 | -- | 2,343 | 220 | 344,105 |
| *APR.* 23, 1982 | 8,608.0/*A* | -- | 3,104 | 162 | 375,277 |

**INCLUDES* 30,305 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR APRIL* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location<br>Weeks Ended: | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| *APR.* 22, 1983 | 16,726 | 80,063 | 152,972 | 15,095 | 264,856 | 87,317 * | 352,173 * |
| *APR.* 15, 1983 | 17,956 | 78,403 | 155,011● | 15,476 | 266,846● | 89,629 | 356,475● |
| *APR.* 23, 1982 | 21,862 | 82,042 | 166,650 | 14,979 | 285,533 | 89,744 | 375,277 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | -- | 67 | 1 | -- | -- | 68 |
| Central Atlantic | 124 | 53 | 71 | -- | 10 | 60 | 293 | 1 | 40 | 88 | 616 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 162 | -- | -- | -- | 162 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *APR.* 22, 1983 | 124 | 53 | 71 | -- | 10 | 60 | 522 | 2 | 40 | 88 | 846 |
| *APR.* 15, 1983 | 171 | 115 | 56 | -- | 9 | 66 | 707 | 16 | 49 | 31 | 1,049 |
| *APR.* 8, 1983 | 176 | 120 | 56 | -- | 10 | 35 | 604 | 15 | 159 | 21 | 1,020 |
| *APR.* 1, 1983 | 162 | 76 | 86 | -- | -- | -- | 652 | 2 | 8 | 3 | 827 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *APR.* 22, 1983 | 33 | 33 | -- | -- | 4 | 4 | 36 | 66 | 103 | 75 | 321 |
| *APR.* 15, 1983 | 26 | 22 | 4 | -- | -- | -- | 98 | 180 | 68 | 79 | 451 |
| *APR.* 8, 1983 | 4 | 4 | -- | -- | -- | -- | 91 | 203 | 113 | 118 | 529 |
| *APR.* 1, 1983 | -- | -- | -- | -- | -- | -- | -- | 73 | 47 | -- | 120 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *APR.* 22, 1983 | 32 | 25 | 7 | -- | 3 | 6 | 13 | 2 | -- | 7 | 63 |
| *APR.* 15, 1983 | 25 | 18 | 7 | -- | -- | 6 | 11 | 16 | -- | 11 | 69 |
| *APR.* 8, 1983 | 21 | 14 | 7 | -- | -- | 7 | 11 | 15 | -- | 5 | 59 |
| *APR.* 1, 1983 | 2 | 1 | 1 | -- | -- | 7 | 10 | 3 | -- | -- | 22 |
| **TOTAL U.S.** | 189 | 111 | 78 | -- | 17 | 70 | 571 | 70 | 143 | 170 | 1,230 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *APR.* 15, 1983 | 222 | 155 | 67 | -- | 9 | 72 | 816 | 212 | 117 | 121 | 1,569 |
| *APR.* 8, 1983 | 201 | 138 | 63 | -- | 10 | 42 | 706 | 233 | 272 | 144 | 1,608 |
| *APR.* 1, 1983 | 164 | 77 | 87 | -- | -- | 7 | 662 | 78 | 55 | 3 | 969 |
| *APR.* 23, 1982 | 122 | *N/A* | 58 | -- | 18 | 69 | 743 | 207 | 153 | 33 | 1,400 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

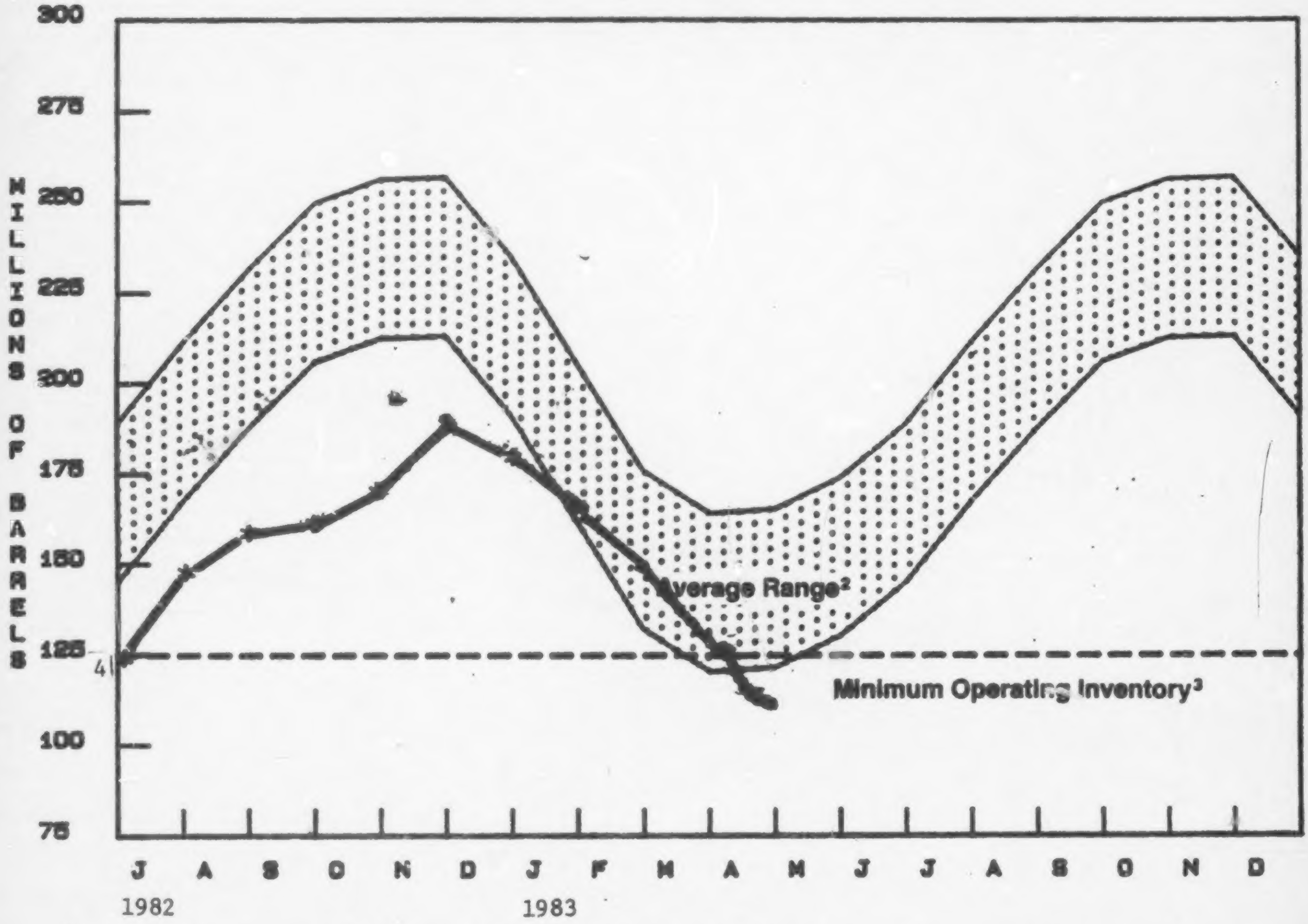
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 4/15/83 | PAGE 1 | TOTAL REFINERY INPUT | EAST COAST | 1,193 |
| | | | DISTRICT 1 TOTAL | 1,274 |
| | | | TOTAL U.S. | 12,742 |
| | | | DISTRICTS 1-4 | 10,569 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 266,846 |
| | | | TOTAL U.S. | 356,475 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 3 | 155,011 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 266,846 |
| | | TOTAL | TOTAL U.S. | 356,475 |

Week Ended April 22, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

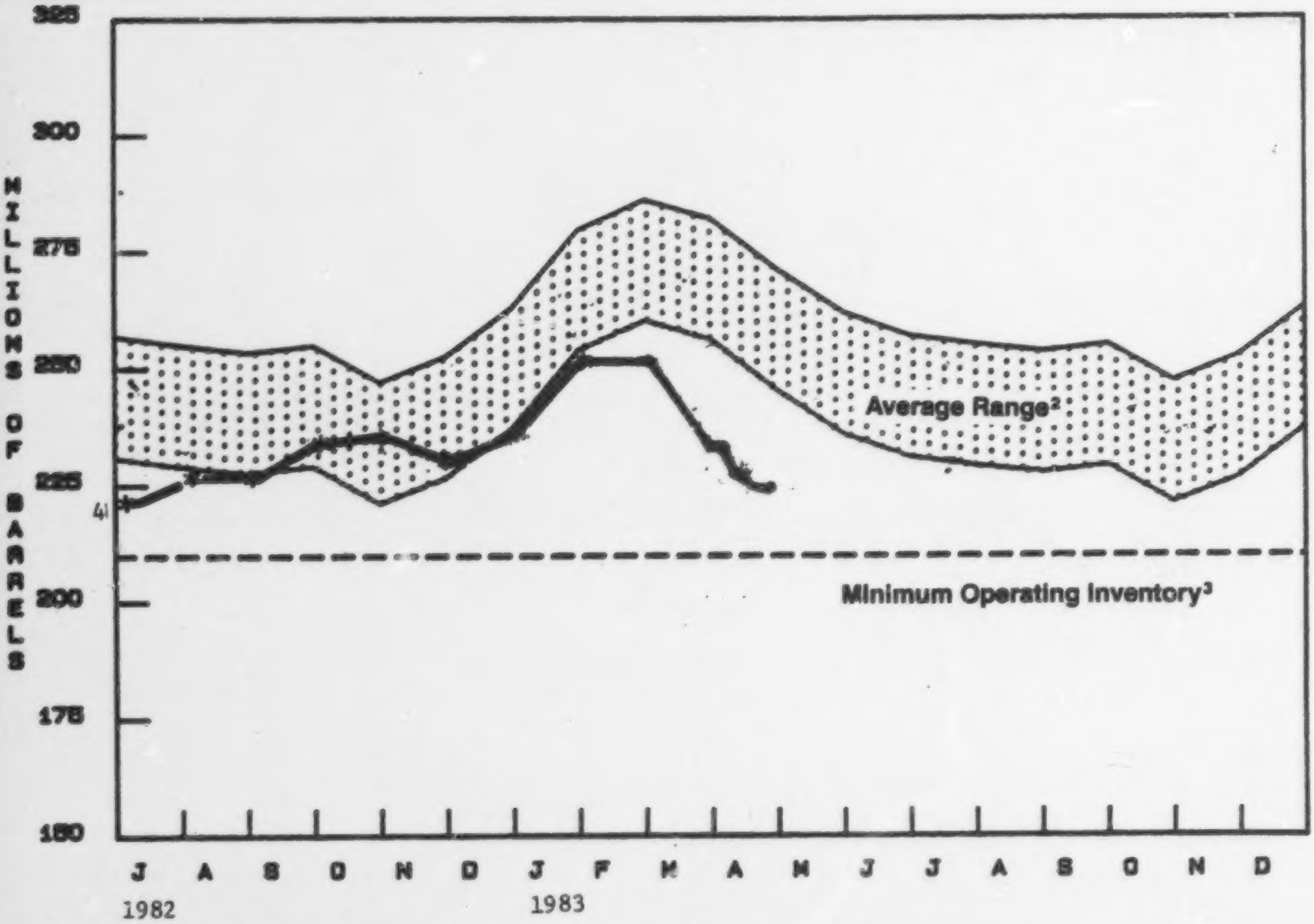
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 22, 1983

## Motor Gasoline Stocks at Primary Level[1,5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

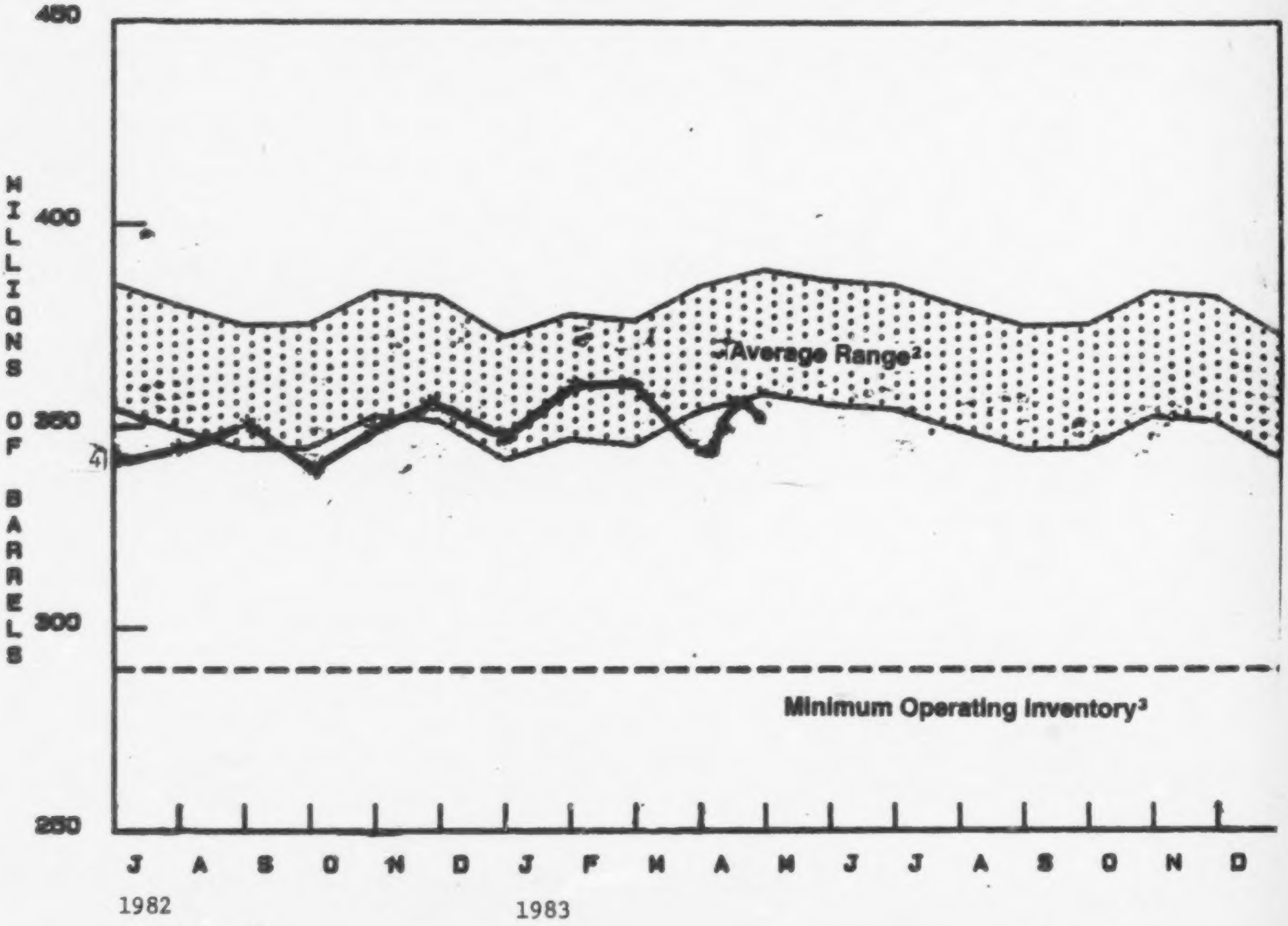
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 22, 1983

## Crude Oil Stocks at Primary Level[1] 5



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineri in pipelines, and in lease tanks and do not include those held in the Strategic Petrole Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are al based on historical data. Recent structural changes in demand patterns, operating uni and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2575-1 5/7/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 64 **For Week Ended** APRIL 29, 1983 **NO.** 17

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 04/29/83 | Last Week Ending: 04/22/83 | Last Year Week Ending: 04/30/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,941 | 11,905 | 11,740 | + 36 | + 201 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 70.8 | 70.6 | 67.1 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,396 | 6,359 | 6,020 | + 37 | + 376 |
| Finished leaded motor gasoline production | 2,871 | 2,833 | N/A | + 38 | N/A |
| Finished unleaded motor gasoline production | 3,525 | 3,526 | N/A | - 1 | N/A |
| Total motor gasoline stocks | 224,888 | 225,045 | 227,940 | - 157 | - 3,052 |
| Finished leaded motor gasoline stocks | 91,052 | 91,563 | N/A | - 511 | N/A |
| Finished unleaded motor gasoline stocks | 92,169 | 92,107 | 89,026 | + 62 | + 3,143 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,302 | 2,340 | 2,473 | - 38 | - 171 |
| Distillate fuel oil stocks | 107,797 | 112,919 | 111,688 | - 5,122 | - 3,891 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 1,049 | 1,021 | 1,096 | + 28 | - 47 |
| Residual fuel oil stocks | 43,720 | 45,249 | 55,023 | - 1,529 | - 11,303 |
| Imports | | | | | |
| Crude oil imports | 2,682 | 3,171 | 2,518 | - 489 | + 164 |
| Product imports | 1,605 | 1,230 | 1,442 | + 375 | + 163 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 359,484 | 352,173 | 373,671 | + 7,311 | - 14,187 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *APRIL* 29, 1983 **NO.** 17

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,203 | 979 | 1,013 | 1,569 | 64.6 |
| Appal. No. 1 | 79 | 75 | 75 | 98 | 76.5 |
| **DISTRICT 1 TOTAL** | 1,282 | 1,054 | 1,088 | 1,667 | 65.3 |
| Appal. No. 2 | 50 | 46 | 49 | 66 | 74.2 |
| Ind., Ill., Ky. | 1,908 | 1,842 | 1,869 | 2,399 | 77.9 |
| Minn., Wis., Daks. | 221 | 208 | 213 | 293 | 72.7 |
| Okla., Kans., Mo. | 739 | 628 | 636 | 858 | 74.1 |
| **DISTRICT 2 TOTAL** | 2,918 | 2,724 | 2,767 | 3,616 | 76.5 |
| Inland Texas | 512 | 448 | 474 | 592 | 80.1 |
| Texas Gulf Coast | 3,109 | 2,785 | 2,864 | 4,164 | 68.8 |
| La. Gulf Coast | 2,245 | 2,003 | 2,055 | 2,748 | 74.8 |
| N. La. and Ark. | 211 | 186 | 201 | 314 | 64.0 |
| New Mexico | 87 | 77 | 81 | 117 | 69.2 |
| **DISTRICT 3 TOTAL** | 6,164 | 5,499 | 5,675 | 7,935 | 71.5 |
| **DISTRICT 4 TOTAL** | 396 | 370 | 376 | 553 | 68.0 |
| **DISTRICT 5 TOTAL** | 2,184 | 2,001 | 2,035 | 3,083 | 66.0 |
| **TOTAL U.S.** | 12,944 | 11,648 | 11,941 | 16,854 | 70.8 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| *APR.* 22, 1983 | 12,871 | 11,599 | 11,905 | 16,854 | 70.6 |
| *APR.* 30, 1982 | 12,292 | 11,407 | 11,740 | 17,492 | 67.1 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| *APR.* 29, 1983 | 10,760 | 9,647 | 9,906 | 13,771 | 71.9 |
| *APR.* 22, 1983 | 10,746 | 9,677 | 9,943 | 13,771 | 72.2 |
| *APR.* 30, 1982 | 10,229 | 9,335 | 9,608 | 14,408 | 66.7 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** APRIL 29, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline |  | Jet Fuel |  | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
|  |  | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type |  |  |
| East Coast | 561 | 238 | 323 | 16 | 6 | 254 | 145 |
| Appal. No. 1 | 34 | 14 | 20 | 1 | -- | 19 | 5 |
| **DISTRICT 1 TOTAL** | 595 | 252 | 343 | 17 | 6 | 273 | 150 |
| Appal. No. 2 | 26 | 13 | 13 | 2 | 3 | 10 | 1 |
| Ind., Ill., Ky. | 1,169 | 513 | 656 | 16 | 104 | 299 | 41 |
| Minn., Wis., Daks. | 135 | 38 | 97 | 2 | 7 | 41 | 6 |
| Okla., Kans., Mo. | 384 | 256 | 128 | 6 | 35 | 166 | 9 |
| **DISTRICT 2 TOTAL** | 1,714 | 820 | 894 | 26 | 149 | 516 | 57 |
| Inland Texas | 223 | 113 | 110 | 28 | 30 | 101 | 19 |
| Texas Gulf Coast | 1,535 | 630 | 905 | 31 | 163 | 572 | 219 |
| La. Gulf Coast | 1,034 | 453 | 581 | 5 | 223 | 358 | 205 |
| N. La. and Ark. | 72 | 33 | 39 | 6 | -- | 57 | 15 |
| New Mexico | 20 | 19 | 1 | 17 | 2 | 26 | 2 |
| **DISTRICT 3 TOTAL** | 2,884 | 1,248 | 1,636 | 87 | 418 | 1,114 | 460 |
| **DISTRICT 4 TOTAL** | 228 | 143 | 85 | 14 | 21 | 87 | 8 |
| **DISTRICT 5 TOTAL** | 975 | 408 | 567 | 43 | 254 | 312 | 374 |
| **TOTAL U.S.** | 6,396 | 2,871 | 3,525 | 187 | 848 | 2,302 | 1,049 |
| **TOTAL U.S. Weeks Ended:** |  |  |  |  |  |  |  |
| APR. 22, 1983 | 6,359 | 2,833 | 3,526 | 213 | 789 | 2,340 | 1,021 |
| APR. 30, 1982 | 6,020 | N/A | N/A | 185 | 760 | 2,473 | 1,096 |
| **DISTRICTS 1–4 Weeks Ended:** |  |  |  |  |  |  |  |
| APR. 29, 1983 | 5,421 | 2,463 | 2,958 | 144 | 594 | 1,990 | 675 |
| APR. 22, 1983 | 5,433 | 2,434 | 2,999 | 138 | 604 | 2,043 | 631 |
| APR. 30, 1982 | 5,184 | N/A | N/A | 137 | 580 | 2,155 | 728 |

---

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** APRIL 29, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 4,892 | 2,410 | 2,482 | -- | 121 | 847 | 4,415 | 2,090 | -- |
| Central Atlantic | 27,136 | 11,074 | 12,686 | 3,376 | 704 | 5,467 | 18,214 | 13,853 | 13,232 |
| Lower Atlantic | 28,160 | 14,800 | 13,041 | 319 | 242 | 4,253 | 11,645 | 2,702 | 499 |
| **DISTRICT 1 TOTAL** | 60,188 | 28,284 | 28,209 | 3,695 | 1,067 | 10,567 | 34,274 | 18,645 | 13,731 |
| **DISTRICT 2 TOTAL** | 66,399 | 28,315 | 27,650 | 10,434 | 1,432 | 7,913 | 34,057 | 3,996 | 20,129 |
| **DISTRICT 3 TOTAL** | 63,713 | 22,507 | 24,000 | 17,206 | 2,479 | 10,652 | 26,235 | 11,579 | 51,769 |
| **DISTRICT 4 TOTAL** | 8,608 | 3,270 | 1,855 | 3,483 | 287 | 689 | 2,639 | 372 | 3,031 |
| **DISTRICT 5 TOTAL** | 25,980 | 8,676 | 10,455 | 6,849 | 1,569 | 6,026 | 10,592 | 9,128 | 26,669 |
| **TOTAL U.S.** | 224,888 | 91,052 | 92,169 | 41,667 | 6,834 | 35,847 | 107,797 | 43,720 | 115,329 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| APR. 22, 1983 | 225,045 | 91,563 | 92,107 | 41,375 | 6,519 | 35,003 | 112,919 | 45,249 | 114,301 |
| APR. 30, 1982 | 227,940 | N/A | 89,026 | N/A | 6,575 | 36,609 | 111,688 | 55,023 | 121,662 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| APR. 29, 1983 | 198,908 | 82,376 | 81,714 | 34,818 | 5,265 | 29,821 | 97,205 | 34,592 | 88,660 |
| APR. 22, 1983 | 198,853 | 82,410 | 81,556 | 34,887 | 4,994 | 28,773 | 101,965 | 36,006 | 86,843 |
| APR. 30, 1982 | 201,878 | N/A | 80,280 | N/A | 5,120 | 29,772 | 99,826 | 45,165 | 94,033 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1]<br>API Monthly | Estimated Domestic Production[1]<br>Latest Dept. of Energy *DEC* 1982 | Crude Oil Imports[1]<br>Total | Crude Oil Imports[1]<br>From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *APR.* 29, 1983 | 5,881.4 | 5,821.0 | 2,348 | 273 | 271,791 |
| *APR.* 22, 1983 | 5,881.4 | -- | 3,134 | 198 | 264,856 |
| *APR.* 15, 1983 | 5,881.4 | -- | 2,236 | 172 | 266,846 |
| *APR.* 8, 1983 | 5,881.4 | -- | 2,189 | 190 | 264,781 |
| **DISTRICT 5 TOTAL** | | | | | |
| *APR.* 29, 1983 | 2,829.0 | 2,780.0 | 334 | 14 | 87,693 * |
| *APR.* 22, 1983 | 2,829.0 | -- | 37 | 7 | 87,317 |
| *APR.* 15, 1983 | 2,829.0 | -- | 106 | 8 | 89,629 |
| *APR.* 8, 1983 | 2,829.0 | -- | 131 | -- | 86,027 |
| **TOTAL U.S.** | | | | | |
| *APR.* 29, 1983 | 8,710.4 | 8,601.0 | 2,682 | 287 | 359,484 * |
| *APR.* 22, 1983 | 8,710.4 | -- | 3,171 | 205 | 352,173 |
| *APR.* 15, 1983 | 8,710.4 | -- | 2,342 | 180 | 356,475 |
| *APR.* 8, 1983 | 8,710.4 | -- | 2,320 | 190 | 350,808 |
| *APR.* 30, 1982 | 8,608.0/*A* | -- | 2,518 | 123 | 373,671 |

**INCLUDES* 30,119 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR APRIL* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *APR.* 29, 1983 | 16,323 | 81,858 | 158,796 | 14,814 | 271,791 | 87,693 * | 359,484 * |
| *APR.* 22, 1983 | 16,726 | 80,063 | 152,972 | 15,095 | 264,856 | 87,317 | 352,173 |
| *APR.* 30, 1982 | 19,839 | 83,497 | 164,802 | 15,324 | 283,462 | 90,209 | 373,671 |

[1] See definitional notes, Page 6.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 170 | -- | -- | -- | 170 |
| Central Atlantic | 84 | 28 | 56 | -- | 26 | 51 | 407 | -- | 2 | 71 | 641 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 237 | -- | -- | -- | 237 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| APR. 29, 1983 | 84 | 28 | 56 | -- | 26 | 51 | 814 | -- | 2 | 71 | 1,048 |
| APR. 22, 1983 | 124 | 53 | 71 | -- | 10 | 60 | 522 | 2 | 40 | 88 | 846 |
| APR. 15, 1983 | 171 | 115 | 56 | -- | 9 | 66 | 707 | 16 | 49 | 31 | 1,049 |
| APR. 8, 1983 | 176 | 120 | 56 | -- | 10 | 35 | 604 | 15 | 159 | 21 | 1,020 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| APR. 29, 1983 | 10 | 10 | -- | -- | -- | -- | 36 | 240 | 73 | 100 | 459 |
| APR. 22, 1983 | 33 | 33 | -- | -- | 4 | 4 | 36 | 66 | 103 | 75 | 321 |
| APR. 15, 1983 | 26 | 22 | 4 | -- | -- | -- | 98 | 180 | 68 | 79 | 451 |
| APR. 8, 1983 | 4 | 4 | -- | -- | -- | -- | 91 | 203 | 113 | 118 | 529 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| APR. 29, 1983 | 65 | 57 | 8 | -- | 3 | 7 | 11 | 4 | -- | 8 | 98 |
| APR. 22, 1983 | 32 | 25 | 7 | -- | 3 | 6 | 13 | 2 | -- | 7 | 63 |
| APR. 15, 1983 | 25 | 18 | 7 | -- | -- | 6 | 11 | 16 | -- | 11 | 69 |
| APR. 8, 1983 | 21 | 14 | 7 | -- | -- | 7 | 11 | 15 | -- | 5 | 59 |
| **TOTAL U.S.** | 159 | 95 | 64 | -- | 29 | 58 | 861 | 244 | 75 | 179 | 1,605 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| APR. 22, 1983 | 189 | 111 | 78 | -- | 17 | 70 | 571 | 70 | 143 | 170 | 1,230 |
| APR. 15, 1983 | 222 | 155 | 67 | -- | 9 | 72 | 816 | 212 | 117 | 121 | 1,569 |
| APR. 8, 1983 | 201 | 138 | 63 | -- | 10 | 42 | 706 | 233 | 272 | 144 | 1,608 |
| APR. 30, 1982 | 145 | N/A | 67 | -- | 16 | 116 | 791 | 178 | 149 | 45 | 1,442 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

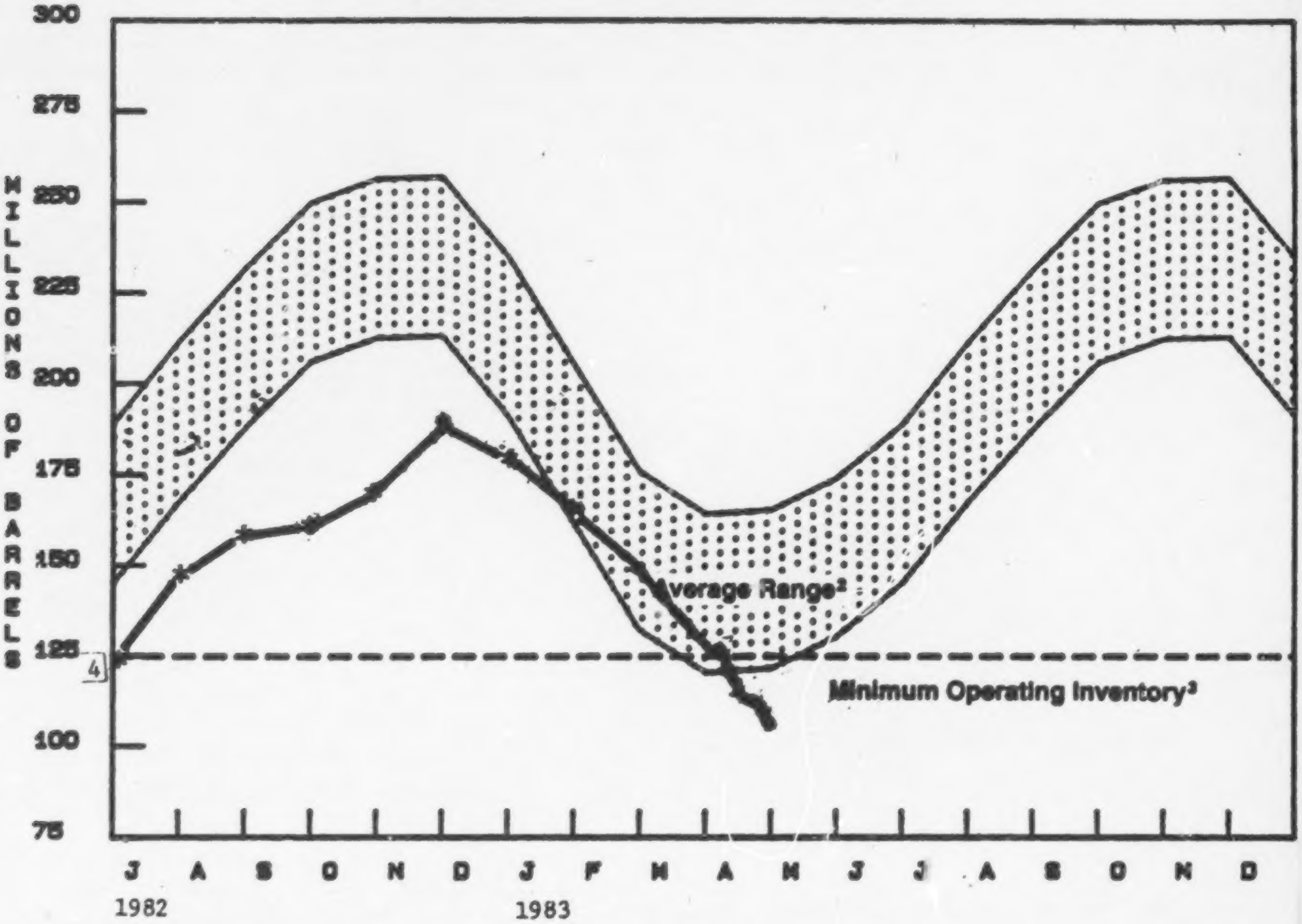
Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

Week Ended: April 29, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

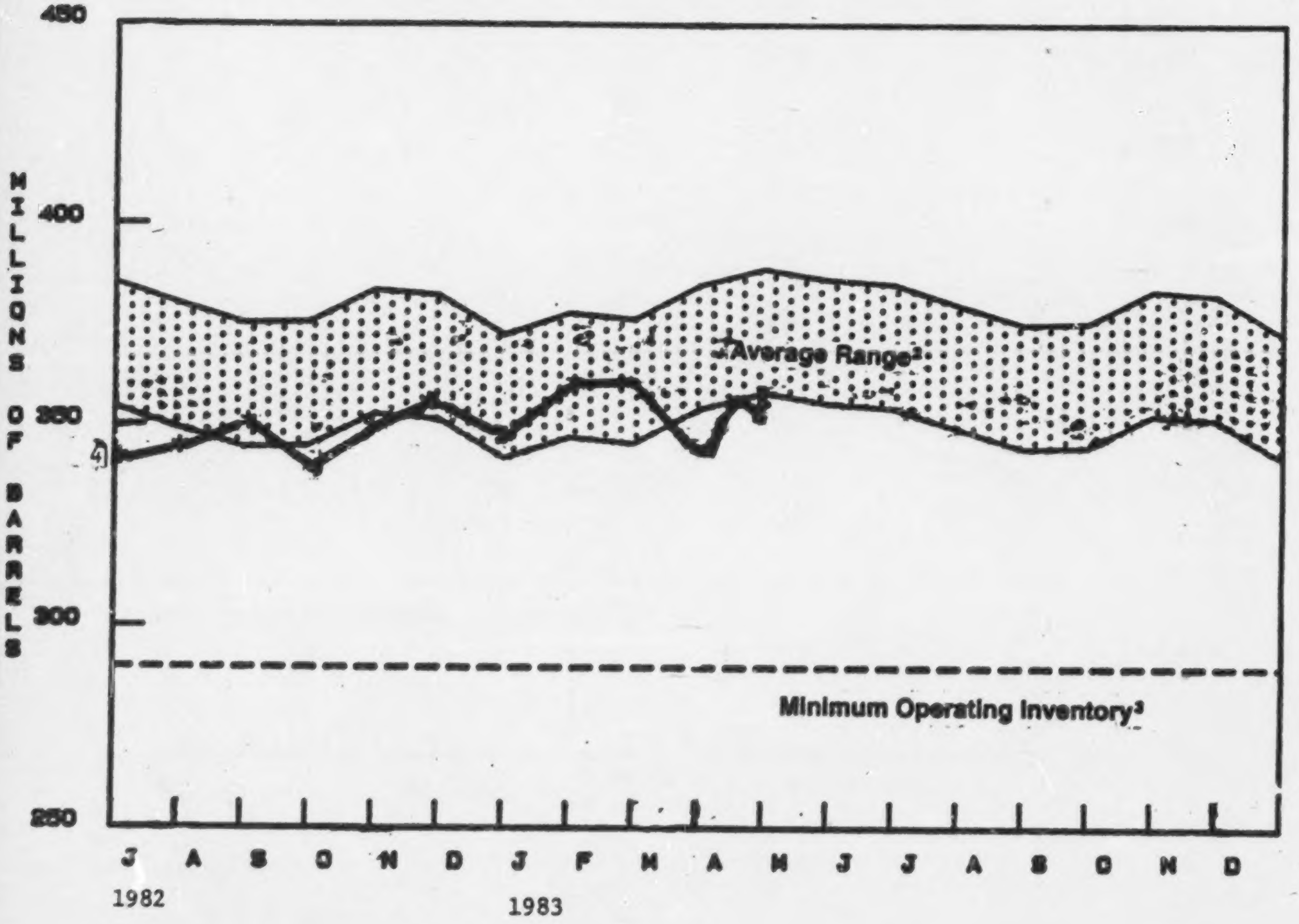
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended: April 29, 1983

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

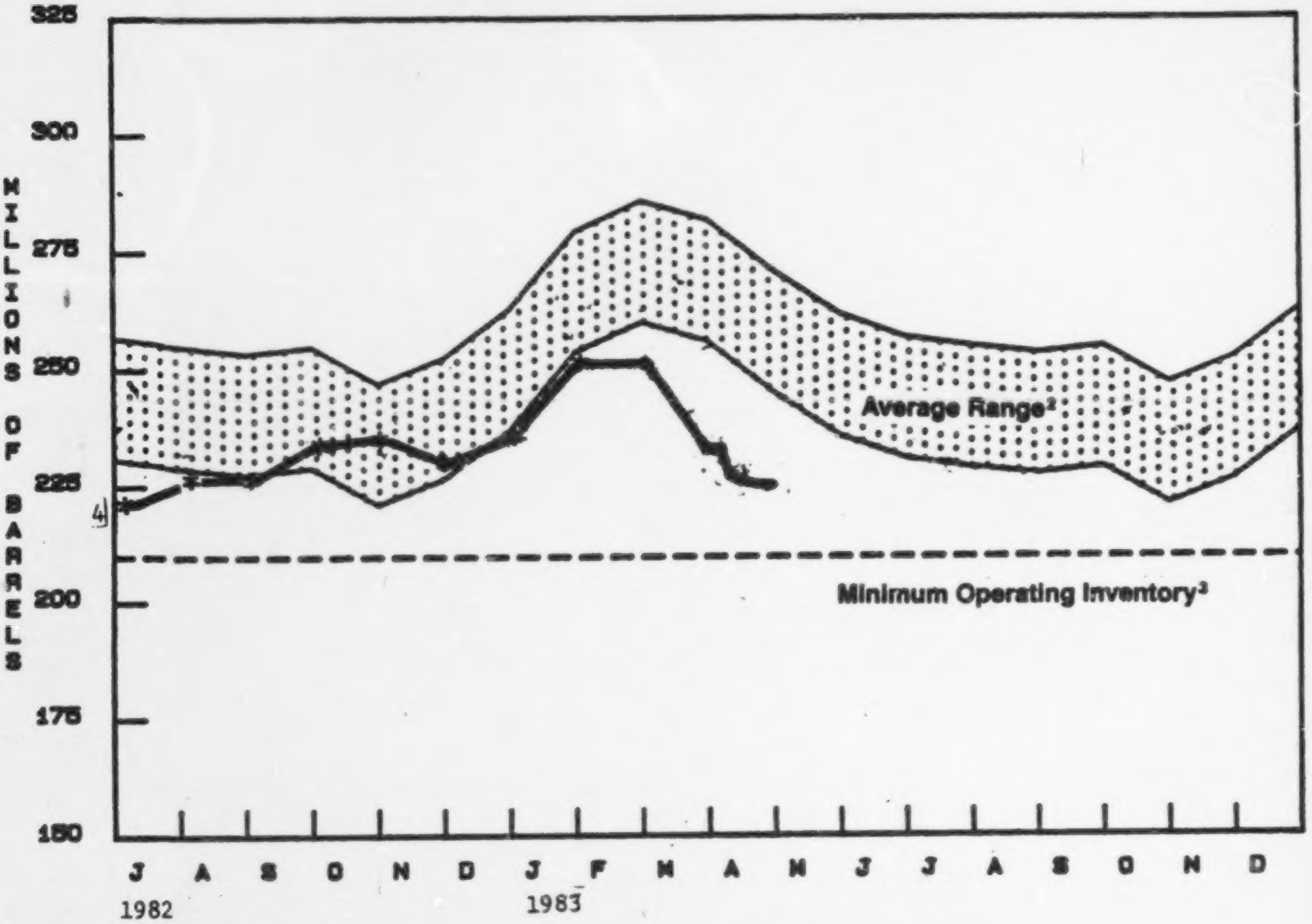
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 29, 1983

## Motor Gasoline Stocks at Primary Level[1,5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

A2525-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** MAY 6, 1983 **NO.** 18

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 05/06/83 | Last Week Ending: 04/29/83 | Last Year Week Ending: 05/07/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,955 | 11,941 | 11,645 | + 14 | + 310 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 70.9 | 70.8 | 66.6 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,286 | 6,396 | 5,990 | - 110 | + 296 |
| Finished leaded motor gasoline production | 2,699 | 2,871 | N/A | - 172 | N/A |
| Finished unleaded motor gasoline production | 3,587 | 3,525 | N/A | + 62 | N/A |
| Total motor gasoline stocks | 227,597 | 225,062 | 222,245 | + 2,535 | + 5,352 |
| Finished leaded motor gasoline stocks | 91,911 | 91,226 | N/A | + 685 | N/A |
| Finished unleaded motor gasoline stocks | 94,973 | 92,169 | 87,205 | + 2,804 | + 7,768 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,340 | 2,302 | 2,554 | + 38 | - 214 |
| Distillate fuel oil stocks | 106,906 | 107,797 | 109,955 | - 891 | - 3,049 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 1,126 | 1,049 | 1,159 | + 77 | - 33 |
| Residual fuel oil stocks | 45,637 | 43,720 | 52,836 | + 1,917 | - 7,199 |
| Imports | | | | | |
| Crude oil imports | 2,921 | 2,682 | 2,510 | + 239 | + 411 |
| Product imports | 1,663 | 1,605 | 1,055 | + 58 | + 608 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 357,846 | 358,143 | 369,002 | - 297 | - 11,156 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

weekly
statistical
bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *MAY* 6, 1983 **NO.** 18

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,180 | 969 | 986 | 1,569 | 62.8 |
| Appal. No. 1 | 90 | 88 | 88 | 98 | 89.8 |
| **DISTRICT 1 TOTAL** | 1,270 | 1,057 | 1,074 | 1,667 | 64.4 |
| Appal. No. 2 | 53 | 49 | 52 | 66 | 78.8 |
| Ind., Ill., Ky. | 1,961 | 1,821 | 1,833 | 2,399 | 76.4 |
| Minn., Wis., Daks. | 228 | 213 | 218 | 293 | 74.4 |
| Okla., Kans., Mo. | 758 | 672 | 677 | 858 | 78.9 |
| **DISTRICT 2 TOTAL** | 3,000 | 2,755 | 2,780 | 3,616 | 76.9 |
| Inland Texas | 507 | 422 | 447 | 592 | 75.5 |
| Texas Gulf Coast | 3,034 | 2,783 | 2,848 | 4,164 | 68.4 |
| La. Gulf Coast | 2,138 | 1,938 | 1,990 | 2,748 | 72.4 |
| N. La. and Ark. | 220 | 196 | 211 | 314 | 67.2 |
| New Mexico | 67 | 57 | 61 | 117 | 52.1 |
| **DISTRICT 3 TOTAL** | 5,966 | 5,396 | 5,557 | 7,935 | 70.0 |
| **DISTRICT 4 TOTAL** | 430 | 404 | 409 | 553 | 74.0 |
| **DISTRICT 5 TOTAL** | 2,250 | 2,097 | 2,135 | 3,083 | 69.3 |
| **TOTAL U.S.** | 12,916 | 11,709 | 11,955 | 16,854 | 70.9 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *APR.* 29, 1983 | 12,944 | 11,648 | 11,941 | 16,854 | 70.8 |
| *MAY* 7, 1982 | 12,585 | 11,311 | 11,645 | 17,492 | 66.6 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *MAY* 6, 1983 | 10,666 | 9,612 | 9,820 | 13,771 | 71.3 |
| *APR.* 29, 1983 | 10,760 | 9,647 | 9,906 | 13,771 | 71.9 |
| *MAY* 7, 1982 | 10,558 | 9,328 | 9,600 | 14,408 | 66.6 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** MAY 6, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 576 | 189 | 387 | 10 | 11 | 260 | 111 |
| Appal. No. 1 | 35 | 18 | 17 | 2 | -- | 23 | 4 |
| **DISTRICT 1 TOTAL** | 611 | 207 | 404 | 12 | 11 | 283 | 115 |
| Appal. No. 2 | 31 | 15 | 16 | 2 | -- | 14 | 1 |
| Ind., Ill., Ky. | 1,113 | 525 | 588 | 16 | 103 | 296 | 88 |
| Minn., Wis., Daks. | 125 | 54 | 71 | 2 | 7 | 41 | 8 |
| Okla., Kans., Mo. | 410 | 228 | 182 | 10 | 27 | 168 | 11 |
| **DISTRICT 2 TOTAL** | 1,679 | 822 | 857 | 30 | 137 | 519 | 108 |
| Inland Texas | 248 | 96 | 152 | 26 | 25 | 91 | 19 |
| Texas Gulf Coast | 1,404 | 533 | 871 | 61 | 167 | 606 | 226 |
| La. Gulf Coast | 1,066 | 448 | 618 | 4 | 194 | 349 | 227 |
| N. La. and Ark. | 60 | 37 | 23 | 11 | -- | 59 | 14 |
| New Mexico | 34 | 22 | 12 | 13 | 1 | 21 | 1 |
| **DISTRICT 3 TOTAL** | 2,812 | 1,136 | 1,676 | 115 | 387 | 1,126 | 487 |
| **DISTRICT 4 TOTAL** | 220 | 134 | 86 | 11 | 20 | 105 | 11 |
| **DISTRICT 5 TOTAL** | 964 | 400 | 564 | 64 | 219 | 307 | 405 |
| **TOTAL U.S.** | 6,286 | 2,699 | 3,587 | 232 | 774 | 2,340 | 1,126 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| APR. 29, 1983 | 6,396 | 2,871 | 3,525 | 187 | 848 | 2,302 | 1,049 |
| MAY 7, 1982 | 5,990 | N/A | N/A | 163 | 712 | 2,554 | 1,159 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| MAY 6, 1983 | 5,322 | 2,299 | 3,023 | 168 | 555 | 2,033 | 721 |
| APR. 29, 1983 | 5,421 | 2,463 | 2,958 | 144 | 594 | 1,990 | 675 |
| MAY 7, 1982 | 5,177 | N/A | N/A | 129 | 564 | 2,245 | 800 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MAY* 6, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,413 | 2,715 | 2,698 | -- | 112 | 956 | 4,171 | 2,278 | -- |
| Central Atlantic | 28,080 | 10,965 | 13,335 | 3,780 | 623 | 5,136 | 17,858 | 13,875 | 12,512 |
| Lower Atlantic | 29,138 | 14,752 | 14,233 | 153 | 229 | 4,499 | 12,270 | 2,855 | 532 |
| **DISTRICT 1 TOTAL** | 62,631 | 28,432 | 30,266 | 3,933 | 964 | 10,591 | 34,299 | 19,008 | 13,044 |
| **DISTRICT 2 TOTAL** | 67,114● | 29,334● | 27,907 | 9,873 | 1,338 | 7,350 | 32,696 | 3,988 | 20,263 |
| **DISTRICT 3 TOTAL** | 63,428 | 21,998 | 24,645 | 16,785 | 2,868 | 11,164 | 27,859 | 12,639 | 50,964 |
| **DISTRICT 4 TOTAL** | 8,325 | 3,251 | 1,813 | 3,261 | 257 | 690 | 2,582 | 506 | 3,059 |
| **DISTRICT 5 TOTAL** | 26,099 | 8,896 | 10,342 | 6,861 | 1,666 | 6,162● | 9,470 | 9,496 | 25,160 |
| **TOTAL U.S.** | 227,597 | 91,911 | 94,973 | 40,713 | 7,093 | 35,957 | 106,906 | 45,637 | 112,490 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | | | |
| *APR.* 29, 1983 | 225,062● | 91,226● | 92,169 | 41,667 | 6,834 | 35,956● | 107,797 | 43,720 | 115,329 |
| *MAY* 7, 1982 | 222,245 | *N/A* | 87,205 | *N/A* | 6,347 | 36,247 | 109,955 | 52,836 | 120,020 |
| **DISTRICTS 1–4<br>Weeks Ended:** | | | | | | | | | |
| *MAY* 6, 1983 | 201,498 | 83,015 | 84,631 | 33,852 | 5,427 | 29,795 | 97,436 | 36,141 | 87,330 |
| *APR.* 29, 1983 | 199,082● | 82,550● | 81,714 | 34,818 | 5,265 | 29,821 | 97,205 | 34,592 | 88,660 |
| *MAY* 7, 1982 | 196,782 | *N/A* | 78,257 | *N/A* | 5,110 | 29,773 | 98,549 | 43,764 | 91,883 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *DEC* 1982. | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *MAY* 6, 1983 | 5,881.4 | 5,821.0 | 2,776 | 236 | 272,390 |
| *APR.* 29, 1983 | 5,881.4 | -- | 2,348 | 273 | 270,450● |
| *APR.* 22, 1983 | 5,881.4 | -- | 3,134 | 198 | 264,856 |
| *APR.* 15, 1983 | 5,881.4 | -- | 2,236 | 172 | 266,846 |
| **DISTRICT 5 TOTAL** | | | | | |
| *MAY* 6, 1983 | 2,829.0 | 2,780.0 | 145 | -- | 85,456 * |
| *APR.* 29, 1983 | 2,829.0 | -- | 334 | 14 | 87,693 |
| *APR.* 22, 1983 | 2,829.0 | -- | 37 | 7 | 87,317 |
| *APR.* 15, 1983 | 2,829.0 | -- | 106 | 8 | 89,629 |
| **TOTAL U.S.** | | | | | |
| *MAY* 6, 1983 | 8,710.4 | 8,601.0 | 2,921 | 236 | 357,846 * |
| *APR.* 29, 1983 | 8,710.4 | -- | 2,682 | 287 | 358,143● |
| *APR.* 22, 1983 | 8,710.4 | -- | 3,171 | 205 | 352,173 |
| *APR.* 15, 1983 | 8,710.4 | -- | 2,342 | 180 | 356,475 |
| *MAY* 7, 1982 | 8,608.0/*A* | -- | 2,510 | 159 | 369,002 |

**INCLUDES* 25,672 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR APRIL* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *MAY.* 6, 1983 | 17,279 | 79,626 | 160,491 | 14,994 | 272,390 | 85,456 * | 357,846 * |
| *APR.* 29, 1983 | 16,323 | 80,517● | 158,796 | 14,814 | 270,450● | 87,693 | 358,143● |
| *MAY.* 7, 1982 | 19,210 | 82,106 | 166,563 | 15,222 | 283,101 | 85,901 | 369,002 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** MAY 6, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
| New England | -- | -- | -- | -- | -- | -- | 100 | 4 | -- | -- | 104 |
| Central Atlantic | 206 | 150 | 56 | -- | 14 | -- | 342 | 5 | 216 | 92 | 875 |
| Lower Atlantic | -- | -- | -- | -- | -- | 88 | 218 | -- | -- | -- | 306 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| MAY 6, 1983 | 206 | 150 | 56 | -- | 14 | 88 | 660 | 9 | 216 | 92 | 1,285 |
| APR. 29, 1983 | 84 | 28 | 56 | -- | 26 | 51 | 814 | -- | 2 | 71 | 1,048 |
| APR. 22, 1983 | 124 | 53 | 71 | -- | 10 | 60 | 522 | 2 | 40 | 88 | 846 |
| APR. 15, 1983 | 171 | 115 | 56 | -- | 9 | 66 | 707 | 16 | 49 | 31 | 1,049 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| MAY 6, 1983 | 6 | 6 | -- | -- | -- | -- | 16 | 174 | 29 | 74 | 299 |
| APR. 29, 1983 | 10 | 10 | -- | -- | -- | -- | 36 | 240 | 73 | 100 | 459 |
| APR. 22, 1983 | 33 | 33 | -- | -- | 4 | 4 | 36 | 66 | 103 | 75 | 321 |
| APR. 15, 1983 | 26 | 22 | 4 | -- | -- | -- | 98 | 180 | 68 | 79 | 451 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| MAY 6, 1983 | 39 | 32 | 7 | -- | 1 | 7 | 12 | 12 | -- | 8 | 79 |
| APR. 29, 1983 | 65 | 57 | 8 | -- | 3 | 7 | 11 | 4 | -- | 8 | 98 |
| APR. 22, 1983 | 32 | 25 | 7 | -- | 3 | 6 | 13 | 2 | -- | 7 | 63 |
| APR. 15, 1983 | 25 | 18 | 7 | -- | -- | 6 | 11 | 16 | -- | 11 | 69 |
| **TOTAL U.S.** | 251 | 188 | 63 | -- | 15 | 95 | 688 | 195 | 245 | 174 | 1,663 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| APR. 29, 1983 | 159 | 95 | 64 | -- | 29 | 58 | 861 | 244 | 75 | 179 | 1,605 |
| APR. 22, 1983 | 189 | 111 | 78 | -- | 17 | 70 | 571 | 70 | 143 | 170 | 1,230 |
| APR. 15, 1983 | 222 | 155 | 67 | -- | 9 | 72 | 816 | 212 | 117 | 121 | 1,569 |
| MAY 7, 1982 | 138 | N/A | 61 | -- | 10 | 56 | 603 | 170 | 52 | 24 | 1,055 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

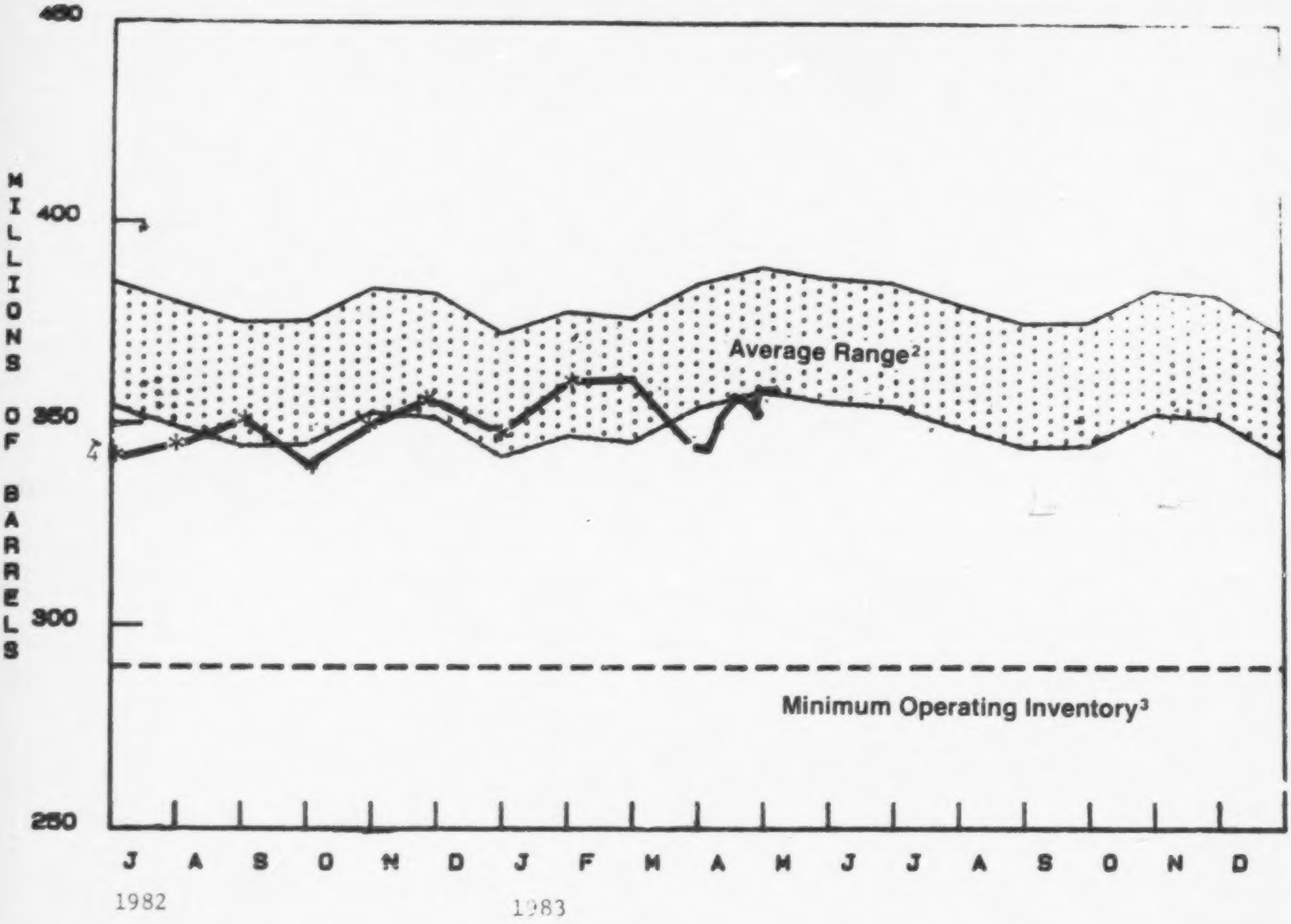
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 4/29/83 | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 66,573 |
| | | | TOTAL U.S. | 225,062 |
| | | | DISTRICTS 1-4 | 199,082 |
| | | LEADED MGAS | DISTRICT 2 TOTAL | 28,489 |
| | | | TOTAL U.S. | 91,226 |
| | | | DISTRICTS 1-4 | 82,550 |
| | | KEROSINE JET | DISTRICT 5 TOTAL | 6,135 |
| | | | TOTAL U.S. | 35,956 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 270,450 |
| | | | TOTAL U.S. | 358,143 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 2 | 80,517 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 270,450 |
| | | TOTAL | TOTAL U.S. | 358,143 |

Week Ended May 6, 1983

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

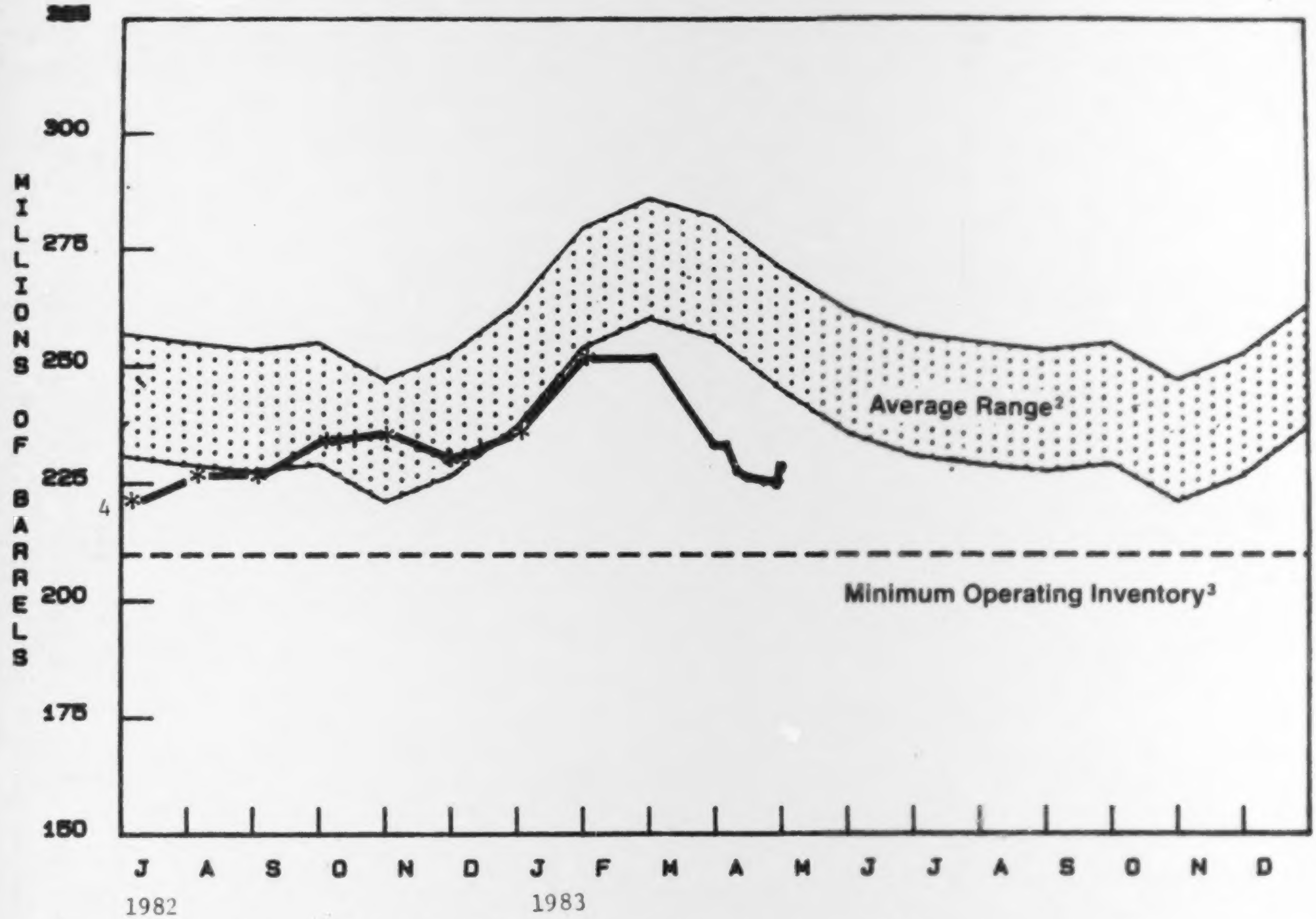
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended . May 6,1983

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

5/23/83

A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *MAY* 13, 1983 **NO.** 19

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 05/13/83 | Last Week Ending: 05/06/83 | Last Year Week Ending: 05/14/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units * | 11,745 | 11,955 | 11,886 | - 210 | - 141 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 69.7 | 70.9 | 68.0 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 6,497 | 6,305 | 6,210 | + 192 | + 287 |
| Finished leaded motor gasoline production | 2,881 | 2,718 | *N/A* | + 163 | *N/A* |
| Finished unleaded motor gasoline production | 3,616 | 3,587 | *N/A* | + 29 | *N/A* |
| Total motor gasoline stocks | 224,457 | 227,469 | 216,303 | - 3,012 | + 8,154 |
| Finished leaded motor gasoline stocks | 90,894 | 91,783 | *N/A* | - 889 | *N/A* |
| Finished unleaded motor gasoline stocks | 93,561 | 94,973 | 86,294 | - 1,412 | + 7,267 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,501 | 2,340 | 2,647 | + 161 | - 146 |
| Distillate fuel oil stocks | 108,317 | 106,906 | 108,401 | + 1,411 | - 84 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 1,049 | 1,126 | 1,084 | - 77 | - 35 |
| Residual fuel oil stocks | 47,829 | 45,637 | 52,594 | + 2,192 | - 4,765 |
| **Imports** | | | | | |
| Crude oil imports | 2,718 | 2,921 | 2,714 | - 203 | + 4 |
| Product imports | 1,885 | 1,663 | 1,155 | + 222 | + 730 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 360,350 | 357,846 | 361,256 | + 2,504 | - 906 |

* *SCHEDULED AND UNSCHEDULED SHUTDOWNS CAUSED DECREASES OF* 135,000 *BBL. PER DAY IN THE INDIANA, ILLINOIS, KENTUCKY DISTRICTS AND* 214,000 *BBL. PER DAY IN THE LOUISIANA GULF COAST DISTRICT.*

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *MAY* 13, 1983 **NO.** 19

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,155 | 919 | 989 | 1,569 | 63.0 |
| Appal. No. 1 | 93 | 86 | 86 | 98 | 87.8 |
| **DISTRICT 1 TOTAL** | 1,248 | 1,005 | 1,075 | 1,667 | 64.5 |
| Appal. No. 2 | 56 | 51 | 56 | 66 | 84.8 |
| Ind., Ill., Ky. | 1,808 | 1,625 | 1,698 | 2,399 | 70.8 |
| Minn., Wis., Daks. | 221 | 213 | 221 | 293 | 75.4 |
| Okla., Kans., Mo. | 799 | 687 | 704 | 858 | 82.1 |
| **DISTRICT 2 TOTAL** | 2,884 | 2,576 | 2,679 | 3,616 | 74.1 |
| Inland Texas | 462 | 431 | 450 | 592 | 76.0 |
| Texas Gulf Coast | 3,271 | 2,848 | 2,918 | 4,164 | 70.1 |
| La. Gulf Coast | 1,995 | 1,741 | 1,776 | 2,748 | 64.6 |
| N. La. and Ark. | 233 | 215 | 215 | 314 | 68.5 |
| New Mexico | 77 | 62 | 64 | 117 | 54.7 |
| **DISTRICT 3 TOTAL** | 6,038 | 5,297 | 5,423 | 7,935 | 68.3 |
| **DISTRICT 4 TOTAL** | 439 | 399 | 401 | 553 | 72.5 |
| **DISTRICT 5 TOTAL** | 2,287 | 2,128 | 2,167 | 3,083 | 70.3 |
| **TOTAL U.S.** | 12,896 | 11,405 | 11,745 | 16,854 | 69.7 |
| **TAL U.S. Weeks Ended:** | | | | | |
| *MAY* 6, 1983 | 12,916 | 11,709 | 11,955 | 16,854 | 70.9 |
| *MAY* 14, 1982 | 12,704 | 11,601 | 11,886 | 17,492 | 68.0 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *MAY* 13, 1983 | 10,609 | 9,277 | 9,578 | 13,771 | 69.6 |
| *MAY* 6, 1983 | 10,666 | 9,612 | 9,820 | 13,771 | 71.3 |
| *MAY* 14, 1982 | 10,635 | 9,537 | 9,809 | 14,408 | 68.1 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MAY* 13, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 629 | 204 | 425 | 18 | 31 | 229 | 101 |
| Appal. No. 1 | 33 | 15 | 18 | 1 | -- | 23 | 4 |
| **DISTRICT 1 TOTAL** | 662 | 219 | 443 | 19 | 31 | 252 | 105 |
| Appal. No. 2 | 32 | 16 | 16 | 1 | -- | 15 | 1 |
| Ind., Ill., Ky. | 1,164 | 506 | 658 | 15 | 123 | 284 | 76 |
| Minn., Wis., Daks. | 138 | 70 | 68 | 2 | 2 | 47 | 6 |
| Okla., Kans., Mo. | 486● | 296● | 190 | 15 | 15 | 161 | 8 |
| **DISTRICT 2 TOTAL** | 1,820● | 888● | 932 | 33 | 140 | 507 | 91 |
| Inland Texas | 254 | 133 | 121 | 28 | 25 | 96 | 22 |
| Texas Gulf Coast | 1,453 | 626 | 827 | 48 | 178 | 668 | 225 |
| La. Gulf Coast | 932 | 386 | 546 | 12 | 144 | 401 | 156 |
| N. La. and Ark. | 69 | 36 | 33 | 14 | -- | 60 | 16 |
| New Mexico | 46 | 25 | 21 | 13 | 1 | 20 | 1 |
| **DISTRICT 3 TOTAL** | 2,754 | 1,206 | 1,548 | 115 | 348 | 1,245 | 420 |
| **DISTRICT 4 TOTAL** | 185 | 99 | 86 | 20 | 19 | 110 | 8 |
| **DISTRICT 5 TOTAL** | 1,076 | 469 | 607 | 52 | 213 | 387 | 425 |
| **TOTAL U.S.** | 6,497 | 2,881 | 3,616 | 239 | 751 | 2,501 | 1,049 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *MAY* 6, 1983 | 6,305● | 2,718● | 3,587 | 232 | 774 | 2,340 | 1,126 |
| *MAY* 14, 1982 | 6,210 | *N/A* | *N/A* | 167 | 719 | 2,647 | 1,084 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *MAY* 13, 1983 | 5,421 | 2,412 | 3,009 | 187 | 538 | 2,114 | 624 |
| *MAY* 6, 1983 | 5,341● | 2,318● | 3,023 | 168 | 555 | 2,033 | 721 |
| *MAY* 14, 1982 | 5,411 | *N/A* | *N/A* | 138 | 529 | 2,304 | 739 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MAY* 13, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,539 | 2,935 | 2,604 | -- | 128 | 949 | 4,481 | 2,291 | -- |
| Central Atlantic | 29,114 | 11,756 | 13,204 | 4,154 | 589 | 4,798 | 18,230 | 14,254 | 12,123 |
| Lower Atlantic | 28,379 | 14,364 | 13,809 | 206 | 249 | 4,659 | 13,536 | 3,384 | 586 |
| **DISTRICT 1 TOTAL** | 63,032 | 29,055 | 29,617 | 4,360 | 966 | 10,406 | 36,247 | 19,929 | 12,709 |
| **DISTRICT 2 TOTAL** | 65,263● | 28,043● | 27,823 | 9,397 | 1,409 | 7,594 | 32,103 | 4,348 | 19,812 |
| **DISTRICT 3 TOTAL** | 62,901 | 21,779 | 24,529 | 16,593 | 2,845 | 10,484 | 27,629 | 12,323 | 50,386 |
| **DISTRICT 4 TOTAL** | 7,915 | 2,966 | 1,771 | 3,178 | 323 | 698 | 2,610 | 477 | 3,186 |
| **DISTRICT 5 TOTAL** | 25,346 | 9,051 | 9,821 | 6,474 | 1,522 | 6,135 | 9,728 | 10,752 | 24,615 |
| **TOTAL U.S.** | 224,457 | 90,894 | 93,561 | 40,002 | 7,065 | 35,317 | 108,317 | 47,829 | 110,708 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| *MAY* 6, 1983 | 227,469● | 91,783● | 94,973 | 40,713 | 7,093 | 35,957 | 106,906 | 45,637 | 112,490 |
| *MAY* 14, 1982 | 216,303 | *N/A* | 86,294 | *N/A* | 6,151 | 36,362 | 108,401 | 52,594 | 119,043 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| *MAY* 13, 1983 | 199,111 | 81,843 | 83,740 | 33,528 | 5,543 | 29,182 | 98,589 | 37,077 | 86,093 |
| *MAY* 6, 1983 | 201,370● | 82,887● | 84,631 | 33,852 | 5,427 | 29,795 | 97,436 | 36,141 | 87,330 |
| *MAY* 14, 1982 | 191,928 | *N/A* | 77,897 | *N/A* | 5,012 | 30,075 | 97,145 | 43,909 | 91,141 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8.

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MAY* 13, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *DEC* 1982. | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *MAY* 13, 1983 | 5,906.0 | 5,821.0 | 2,444 | 242 | 272,051 |
| *MAY* 6, 1983 | 5,893.5● | -- | 2,776 | 236 | 272,390 |
| *APR.* 29, 1983 | 5,893.5● | -- | 2,348 | 273 | 270,450 |
| *APR.* 22, 1983 | 5,893.5● | -- | 3,134 | 198 | 264,856 |
| **DISTRICT 5 TOTAL** | | | | | |
| *MAY* 13, 1983 | 2,820.5 | 2,780.0 | 274 | 7 | 88,299 * |
| *MAY* 6, 1983 | 2,818.5● | -- | 145 | -- | 85,456 |
| *APR.* 29, 1983 | 2,818.5● | -- | 334 | 14 | 87,693 |
| *APR.* 22, 1983 | 2,818.5● | -- | 37 | 7 | 87,317 |
| **INCLUDES* 30,793 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* | | | | | |
| **TOTAL U.S.** | | | | | |
| *MAY* 13, 1983 | 8,726.5 | 8,601.0 | 2,718 | 249 | 360,350 * |
| *MAY* 6, 1983 | 8,712.0● | -- | 2,921 | 236 | 357,846 |
| *APR.* 29, 1983 | 8,712.0● | -- | 2,682 | 287 | 358,143 |
| *APR.* 22, 1983 | 8,712.0● | -- | 3,171 | 205 | 352,173 |
| *MAY* 14, 1982 | 8,711.7/A | -- | 2,714 | 142 | 361,256 |

*/A DOE ACTUAL FOR MAY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *MAY.* 13, 1983 | 17,626 | 80,167 | 159,150 | 15,108 | 272,051 | 88,299 * | 360,350 * |
| *MAY.* 6, 1983 | 17,279 | 79,626 | 160,491 | 14,994 | 272,390 | 85,456 | 357,846 |
| *MAY.* 14, 1982 | 19,976 | 81,035 | 161,577 | 14,803 | 277,391 | 83,865 | 361,256 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** MAY 13, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 70 | 61 | 9 | -- | -- | -- | 18 | 5 | -- | -- | 93 |
| Central Atlantic | 336 | 290 | 46 | -- | 12 | 45 | 406 | 5 | 54 | 43 | 901 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 164 | -- | -- | -- | 164 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| MAY 13, 1983 | 406 | 351 | 55 | -- | 12 | 45 | 588 | 10 | 54 | 43 | 1,158 |
| MAY 6, 1983 | 206 | 150 | 56 | -- | 14 | 88 | 660 | 9 | 216 | 92 | 1,285 |
| APR. 29, 1983 | 84 | 28 | 56 | -- | 26 | 51 | 814 | -- | 2 | 71 | 1,048 |
| APR. 22, 1983 | 124 | 53 | 71 | -- | 10 | 60 | 522 | 2 | 40 | 88 | 846 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| MAY 13, 1983 | 40 | 40 | -- | -- | -- | 4 | 9 | 172 | 335 | 57 | 617 |
| MAY 6, 1983 | 6 | 6 | -- | -- | -- | -- | 16 | 174 | 29 | 74 | 299 |
| APR. 29, 1983 | 10 | 10 | -- | -- | -- | -- | 36 | 240 | 73 | 100 | 459 |
| APR. 22, 1983 | 33 | 33 | -- | -- | 4 | 4 | 36 | 66 | 103 | 75 | 321 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| MAY 13, 1983 | 67 | 59 | 8 | -- | 3 | 6 | 11 | 15 | -- | 8 | 110 |
| MAY 6, 1983 | 39 | 32 | 7 | -- | 1 | 7 | 12 | 12 | -- | 8 | 79 |
| APR. 29, 1983 | 65 | 57 | 8 | -- | 3 | 7 | 11 | 4 | -- | 8 | 98 |
| APR. 22, 1983 | 32 | 25 | 7 | -- | 3 | 6 | 13 | 2 | -- | 7 | 63 |
| **TOTAL U.S.** | 513 | 450 | 63 | -- | 15 | 55 | 608 | 197 | 389 | 108 | 1,885 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | | | |
| MAY 6, 1983 | 251 | 188 | 63 | -- | 15 | 95 | 688 | 195 | 245 | 174 | 1,663 |
| APR. 29, 1983 | 159 | 95 | 64 | -- | 29 | 58 | 861 | 244 | 75 | 179 | 1,605 |
| APR. 22, 1983 | 189 | 111 | 78 | -- | 17 | 70 | 571 | 70 | 143 | 170 | 1,230 |
| MAY 14, 1982 | 145 | N/A | 67 | -- | 7 | 78 | 557 | 160 | 195 | 13 | 1,155 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

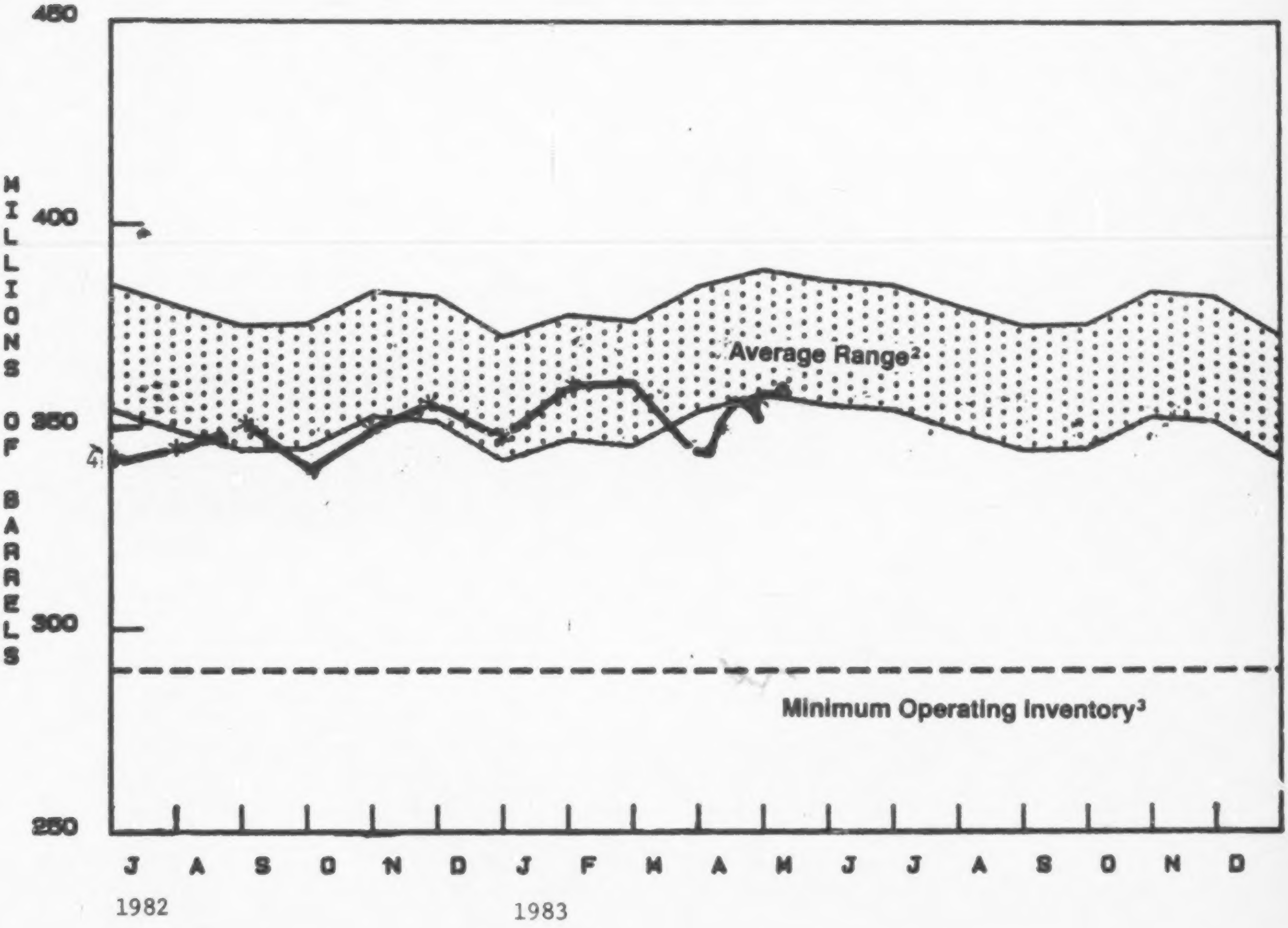
| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | April 1983 | March 1983 | Dec. 1982 |
| Florida | 65.0 | 65.0 | 66.0 |
| New York-Pennsylvania | 12.0 | 12.0 | 12.0 |
| Virginia | – | – | – |
| West Virginia | 9.5 | 8.0 | 10.0 |
| Illinois | 83.0 | 83.0 | 78.0 |
| Indiana | 13.0 | 13.0 | 13.0 |
| Kansas | 197.0 | 198.5 | 188.0 |
| Kentucky | 18.5 | 18.4 | 18.0 |
| Michigan | 85.0 | 85.0 | 78.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 4.0 |
| Nebraska | 18.5 | 18.0 | 18.0 |
| Ohio | 37.0 | 37.0 | 37.0 |
| Oklahoma | 430.0 | 432.0 | 427.0 |
| North Dakota | 140.0 | 139.5 | 141.0 |
| South Dakota | 3.0 | 3.0 | 3.0 |
| Alabama | 55.0 | 56.0 | 56.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 87.0 | 88.0 | 86.0 |
| New Mexico-So. East | 191.0 | 191.0 | 153.0 |
| New Mexico-Other | 15.0 | 15.0 | 18.0 |
| North Louisiana | 95.0 | 98.0 | 93.0 |
| South Louisiana | 1,200.0 | 1,191.0 | 1,204.0 |
| Total Louisiana | 1,295.0 | 1,289.0 | 1,297.0 |
| Texas | | | |
| District 1 | 68.0 | 70.0 | 68.0 |
| District 2 | 110.0 | 112.0 | 111.0 |
| District 3 | 370.0 | 370.0 | 370.0 |
| District 4 | 75.0 | 76.0 | 77.0 |
| District 5 | 21.0 | 21.0 | 23.0 |
| District 6, East Texas Field | 142.0 | 143.0 | 143.0 |
| Other | 114.0 | 115.0 | 114.0 |
| District 7-B | 96.0 | 95.0 | 91.0 |
| District 7-C | 101.0 | 100.0 | 94.0 |
| District 8 and 8-A | 1,268.0 | 1,272.0 | 1,258.0 |
| District 9 | 104.0 | 105.0 | 103.0 |
| District 10 | 54.0 | 55.0 | 60.0 |
| Total Texas | 2,523.0 | 2,534.0 | 2,512.0 |
| Colorado | 82.0 | 83.0 | 77.0 |
| Montana | 84.0 | 84.5 | 83.0 |
| Utah | 65.0 | 65.0 | 65.0 |
| Wyoming | 329.0 | 329.0 | 329.0 |
| Total Dists. 1-4 | 5,893.5 | 5,902.9 | 5,821.0 |
| Alaska | 1,715.5 | 1,728.2 | 1,682.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,100.0 | 1,095.0 | 1,095.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,818.5 | 2,826.2 | 2,780.0 |
| Total U.S. | 8,712.0 | 8,729.1 | 8,601.0 |

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 4/29/83 | PAGE 2 | TOTAL MGAS | OKLA., KANS., MO. | 421 |
| | | | DISTRICT 2 TOTAL | 1,751 |
| | | | TOTAL U.S. | 6,433 |
| | | | DISTRICTS 1-4 | 5,458 |
| | | LEADED MGAS | OKLA., KANS., MO. | 293 |
| | | | DISTRICT 2 TOTAL | 857 |
| | | | TOTAL U.S. | 2,908 |
| | | | DISTRICTS 1-4 | 2,500 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 66,315 |
| | | | TOTAL U.S. | 224,804 |
| | | | DISTRICTS 1-4 | 198,824 |
| | | LEADED MGAS | DISTRICT 2 TOTAL | 28,231 |
| | | | TOTAL U.S. | 90,968 |
| | | | DISTRICTS 1-4 | 82,292 |
| 5/06/83 | PAGE 2 | TOTAL MGAS | OKLA., KANS., MO. | 429 |
| | | | DISTRICT 2 TOTAL | 1,698 |
| | | | TOTAL U.S. | 6,305 |
| | | | DISTRICTS 1-4 | 5,341 |
| | | LEADED MGAS | OKLA., KANS., MO. | 247 |
| | | | DISTRICT 2 TOTAL | 841 |
| | | | TOTAL U.S. | 2,718 |
| | | | DISTRICTS 1-4 | 2,318 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 66,986 |
| | | | TOTAL U.S. | 227,469 |
| | | | DISTRICTS 1-4 | 201,370 |
| | | LEADED MGAS | DISTRICT 2 TOTAL | 29,206 |
| | | | TOTAL U.S. | 91,783 |
| | | | DISTRICTS 1-4 | 82,887 |

Week Ended May 13, 1983

## Crude Oil Stocks at Primary Level[1] 5



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refinerie in pipelines, and in lease tanks and do not include those held in the Strategic Petroleu Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

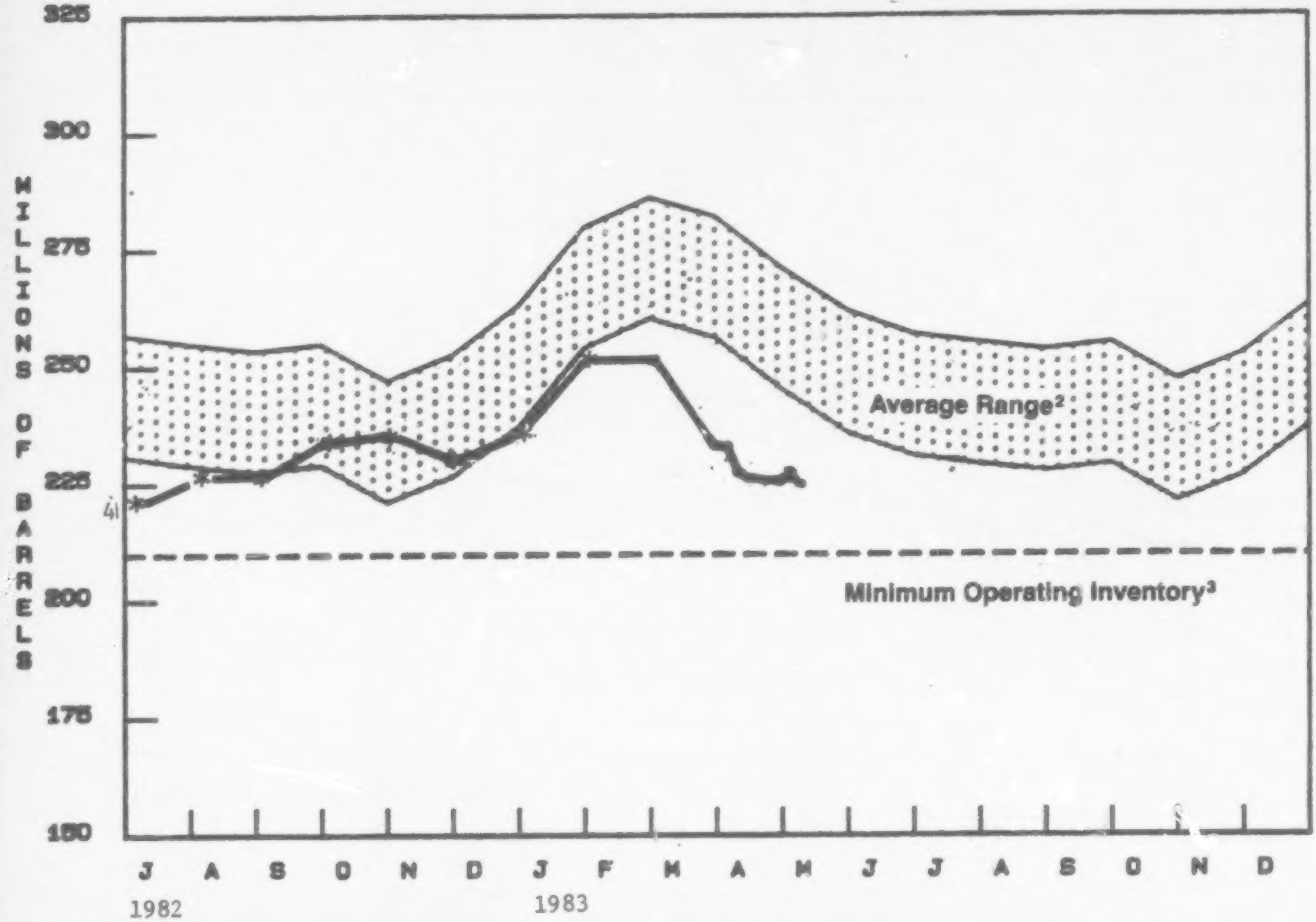
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended May 13, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

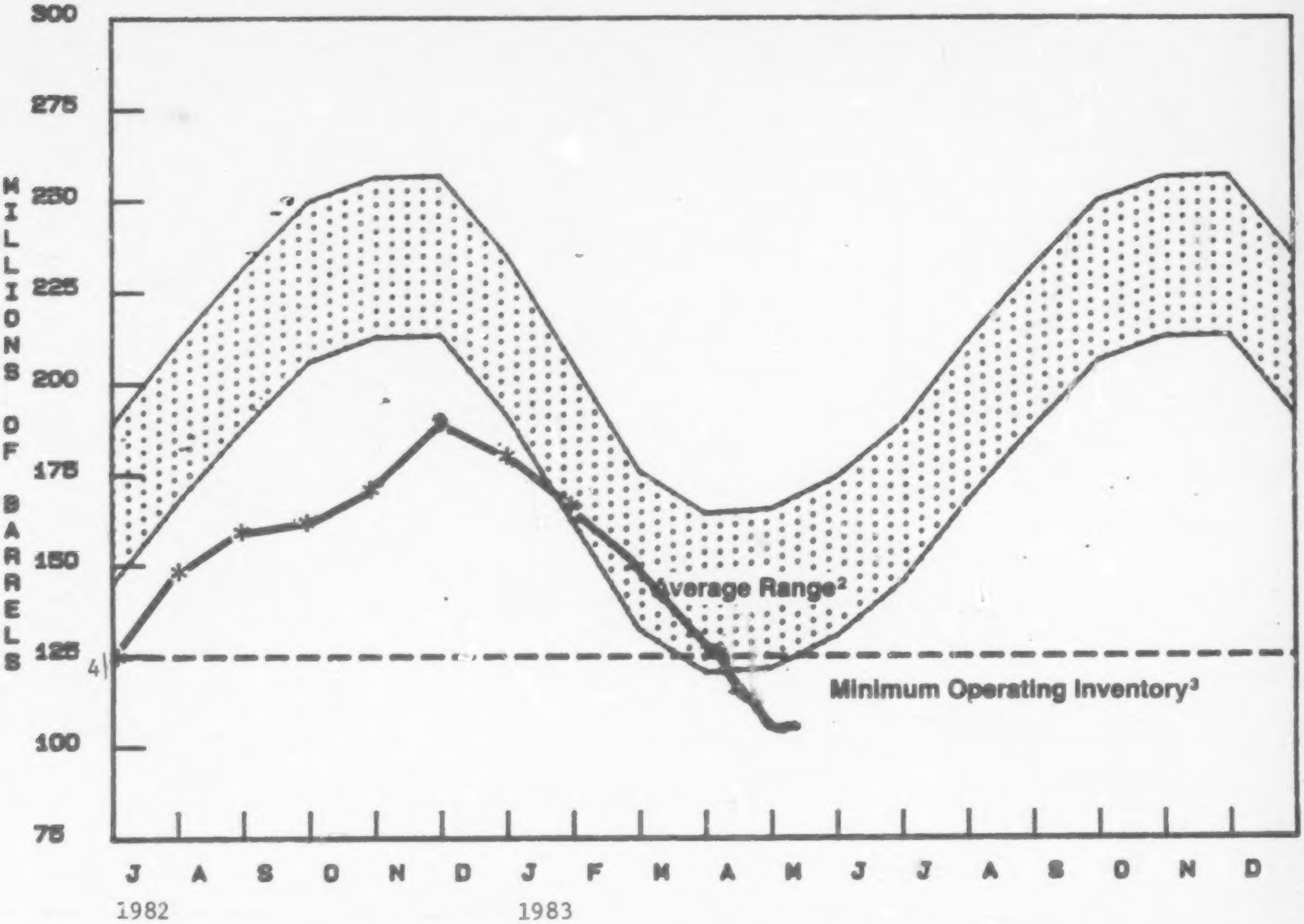
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended: May 13, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

5/31/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** MAY 20, 1983 **NO.** 20

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | **Current Week Ending:** 05/20/83 | **Last Week Ending:** 05/13/83 | **Last Year Week Ending:** 05/21/82 | **Change From Last Week** | **Change From Last Year** |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 11,902 | 11,745 | 12,265 | + 157 | - 363 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 70.6 | 69.7 | 70.1 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,409 | 6,497 | 6,313 | - 88 | + 96 |
| Finished leaded motor gasoline production | 2,882 | 2,881 | N/A | + 1 | N/A |
| Finished unleaded motor gasoline production | 3,527 | 3,616 | N/A | - 89 | N/A |
| Total motor gasoline stocks | 223,862 | 225,698 | 213,722 | - 1,836 | + 10,140 |
| Finished leaded motor gasoline stocks | 90,695 | 91,304 | N/A | - 609 | N/A |
| Finished unleaded motor gasoline stocks | 94,356 | 94,392 | 85,038 | - 36 | + 9,318 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,356 | 2,501 | 2,815 | - 145 | - 459 |
| Distillate fuel oil stocks | 109,652 | 109,023 | 108,661 | + 629 | + 991 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 897 | 1,049 | 1,098 | - 152 | - 201 |
| Residual fuel oil stocks | 47,805 | 47,829 | 55,068 | - 24 | - 7,263 |
| Imports | | | | | |
| Crude oil imports | 3,081 | 2,718 | 3,475 | + 363 | - 394 |
| Product imports | 1,438 | 1,885 | 1,234 | - 447 | + 204 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 360,242 | 359,992 | 367,988 | + 250 | - 7,746 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 64 **For Week Ended** *MAY* 20, 1983 **NO.** 20

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,168 | 967 | 1,007 | 1,569 | 64.2 |
| Appal. No. 1 | 93 | 90 | 91 | 98 | 92.9 |
| **DISTRICT 1 TOTAL** | 1,261 | 1,057 | 1,098 | 1,667 | 65.9 |
| Appal. No. 2 | 57 | 52 | 57 | 66 | 86.4 |
| Ind., Ill., Ky. | 1,809 | 1,610 | 1,673 | 2,399 | 69.7 |
| Minn., Wis., Daks. | 217 | 208 | 216 | 293 | 73.7 |
| Okla., Kans., Mo. | 750 | 698 | 698 | 858 | 81.4 |
| **DISTRICT 2 TOTAL** | 2,833 | 2,568 | 2,644 | 3,616 | 73.1 |
| Inland Texas | 525 | 430 | 459 | 592 | 77.5 |
| Texas Gulf Coast | 3,137 | 2,831 | 2,912 | 4,164 | 69.9 |
| La. Gulf Coast | 2,090 | 1,787 | 1,876 | 2,748 | 68.3 |
| N. La. and Ark. | 191 | 168 | 188 | 314 | 59.9 |
| New Mexico | 106 | 88 | 90 | 117 | 76.9 |
| **DISTRICT 3 TOTAL** | 6,049 | 5,304 | 5,525 | 7,935 | 69.6 |
| **DISTRICT 4 TOTAL** | 471 | 410 | 420 | 553 | 75.9 |
| **DISTRICT 5 TOTAL** | 2,196 | 2,140 | 2,215 | 3,083 | 71.8 |
| **TOTAL U.S.** | 12,810 | 11,479 | 11,902 | 16,854 | 70.6 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *MAY* 13, 1983 | 12,896 | 11,405 | 11,745 | 16,854 | 69.7 |
| *MAY* 21, 1982 | 13,061 | 11,964 | 12,265 | 17,492 | 70.1 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *MAY* 20, 1983 | 10,614 | 9,339 | 9,687 | 13,771 | 70.3 |
| *MAY* 13, 1983 | 10,609 | 9,277 | 9,578 | 13,771 | 69.6 |
| *MAY* 21, 1982 | 10,960 | 9,893 | 10,175 | 14,408 | 70.6 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** MAY 20, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 581 | 214 | 367 | 15 | 26 | 210 | 90 |
| Appal. No. 1 | 37 | 17 | 20 | 2 | -- | 24 | 5 |
| **DISTRICT 1 TOTAL** | 618 | 231 | 387 | 17 | 26 | 234 | 95 |
| Appal. No. 2 | 35 | 16 | 19 | 1 | 2 | 13 | 1 |
| Ind., Ill., Ky. | 1,112 | 493 | 619 | 18 | 74 | 258 | 52 |
| Minn., Wis., Daks. | 123 | 56 | 67 | 3 | 5 | 46 | 6 |
| Okla., Kans., Mo. | 455 | 274 | 181 | 5 | 23 | 155 | 6 |
| **DISTRICT 2 TOTAL** | 1,725 | 839 | 886 | 27 | 104 | 472 | 65 |
| Inland Texas | 294 | 142 | 152 | 28 | 17 | 122 | 18 |
| Texas Gulf Coast | 1,549 | 636 | 913 | 62 | 178 | 675 | 237 |
| La. Gulf Coast | 983 | 423 | 560 | 14 | 187 | 321 | 109 |
| N. La. and Ark. | 65 | 34 | 31 | 8 | -- | 53 | 12 |
| New Mexico | 44 | 23 | 21 | 25 | 1 | 25 | 3 |
| **DISTRICT 3 TOTAL** | 2,935 | 1,258 | 1,677 | 137 | 383 | 1,196 | 379 |
| **DISTRICT 4 TOTAL** | 221 | 122 | 99 | 16 | 24 | 124 | 10 |
| **DISTRICT 5 TOTAL** | 910 | 432 | 478 | 56 | 221 | 330 | 348 |
| **TOTAL U.S.** | 6,409 | 2,882 | 3,527 | 253 | 758 | 2,356 | 897 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| MAY 13, 1983 | 6,497 | 2,881 | 3,616 | 239 | 751 | 2,501 | 1,049 |
| MAY 21, 1982 | 6,313 | N/A | N/A | 182 | 651 | 2,815 | 1,098 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| MAY 20, 1983 | 5,499 | 2,450 | 3,049 | 197 | 537 | 2,026 | 549 |
| MAY 13, 1983 | 5,421 | 2,412 | 3,009 | 187 | 538 | 2,114 | 624 |
| MAY 21, 1982 | 5,438 | N/A | N/A | 134 | 488 | 2,466 | 766 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,899 | 3,021 | 2,878 | -- | 139 | 976 | 4,875 | 2,275 | -- |
| Central Atlantic | 29,782 | 12,063 | 13,536 | 4,183 | 751 | 5,004 | 19,007 | 14,281 | 12,449 |
| Lower Atlantic | 29,301 | 14,999 | 14,134 | 168 | 258 | 4,224 | 13,253 | 3,740 | 631 |
| **DISTRICT 1 TOTAL** | 64,982 | 30,083 | 30,548 | 4,351 | 1,148 | 10,204 | 37,135 | 20,296 | 13,080 |
| **DISTRICT 2 TOTAL** | 64,414 | 27,737 | 28,070 | 8,607 | 1,582 | 7,288 | 30,411 | 4,059 | 19,792 |
| **DISTRICT 3 TOTAL** | 62,264● | 21,206● | 24,421● | 16,637 | 2,830 | 10,204● | 29,683● | 12,413 | 48,560 |
| **DISTRICT 4 TOTAL** | 7,289 | 2,926 | 1,606 | 2,757 | 344 | 695 | 2,733 | 516 | 3,117 |
| **DISTRICT 5 TOTAL** | 24,913 | 8,743 | 9,711 | 6,459 | 1,463 | 6,330 | 9,690 | 10,521 | 24,525 |
| **TOTAL U.S.** | 223,862 | 90,695 | 94,356 | 38,811 | 7,367 | 34,721 | 109,652 | 47,805 | 109,074 |
| **TOTAL U.S.** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *MAY* 13, 1983 | 225,698● | 91,304● | 94,392● | 40,002 | 7,065 | 35,138● | 109,023● | 47,829 | 110,708 |
| *MAY* 21, 1982 | 213,722 | *N/A* | 85,038 | *N/A* | 6,060 | 34,808 | 108,661 | 55,068 | 117,199 |
| **DISTRICTS 1–4** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *MAY* 20, 1983 | 198,949 | 81,952 | 84,645 | 32,352 | 5,904 | 28,391 | 99,962 | 37,284 | 84,549 |
| *MAY* 13, 1983 | 200,352● | 82,253● | 84,571● | 33,528 | 5,543 | 29,003● | 99,295● | 37,077 | 86,093 |
| *MAY* 21, 1982 | 189,148 | *N/A* | 76,639 | *N/A* | 4,890 | 28,791 | 97,740 | 46,293 | 88,751 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *DEC* 1982. | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *MAY* 20, 1983 | 5,906.0 | 5,821.0 | 2,822 | 232 | 274,618 |
| *MAY* 13, 1983 | 5,906.0 | -- | 2,444 | 206● | 271,693● |
| *MAY* 6, 1983 | 5,893.5 | -- | 2,776 | 236 | 272,390 |
| *APR.* 29, 1983 | 5,893.5 | -- | 2,348 | 273 | 270,450 |
| **DISTRICT 5 TOTAL** | | | | | |
| *MAY* 20, 1983 | 2,820.5 | 2,780.0 | 259 | 7 | 85,624 * |
| *MAY* 13, 1983 | 2,820.5 | -- | 274 | 7 | 88,299 |
| *MAY* 6, 1983 | 2,818.5 | -- | 145 | -- | 85,456 |
| *APR.* 29, 1983 | 2,818.5 | -- | 334 | 14 | 87,693 |

**INCLUDES* 30,358 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| | | | | | |
|---|---|---|---|---|---|
| **TOTAL U.S.** | | | | | |
| *MAY* 20, 1983 | 8,726.5 | 8,601.0 | 3,081 | 239 | 360,242 * |
| *MAY* 13, 1983 | 8,726.5 | -- | 2,718 | 213● | 359,992● |
| *MAY* 6, 1983 | 8,712.0 | -- | 2,921 | 236 | 357,846 |
| *APR.* 29, 1983 | 8,712.0 | -- | 2,682 | 287 | 358,143 |
| *MAY* 21, 1982 | 8,711.7 | -- | 3,475 | 181 | 367,988 |

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *MAY*. 20, 1983 | 18,040 | 80,316 | 160,923 | 15,339 | 274,618 | 85,624 * | 360,242 * |
| *MAY*. 13, 1983 | 17,626 | 80,167 | 158,792● | 15,108 | 271,693● | 88,299 | 359,992● |
| *MAY*. 21, 1982 | 20,427 | 79,632 | 161,322 | 14,740 | 276,121 | 91,867 | 367,988 |

[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MAY* 20, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 139 | 7 | -- | -- | 146 |
| Central Atlantic | 88 | 32 | 56 | -- | 9 | 60 | 347 | 8 | 104 | 136 | 752 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 170● | -- | -- | --● | 170 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *MAY* 20, 1983 | 88 | 32 | 56 | -- | 9 | 60 | 656 | 15 | 104 | 136 | 1,068 |
| *MAY* 13, 1983 | 406 | 351 | 55 | -- | 12 | 45 | 568● | 10 | 54 | 63● | 1,158 |
| *MAY* 6, 1983 | 206 | 150 | 56 | -- | 14 | 88 | 660 | 9 | 216 | 92 | 1,285 |
| *APR.* 29, 1983 | 84 | 28 | 56 | -- | 26 | 51 | 814 | -- | 2 | 71 | 1,048 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| *MAY* 20, 1983 | 15 | 15 | -- | -- | -- | -- | 55 | 157 | 38 | 26 | 291 |
| *MAY* 13, 1983 | 40 | 40 | -- | -- | -- | 4 | 9 | 172 | 335 | 57 | 617 |
| *MAY* 6, 1983 | 6 | 6 | -- | -- | -- | -- | 16 | 174 | 29 | 74 | 299 |
| *APR.* 29, 1983 | 10 | 10 | -- | -- | -- | -- | 36 | 240 | 73 | 100 | 459 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *MAY* 20, 1983 | 33 | 25 | 8 | -- | 2 | 7 | 11 | 17 | -- | 9 | 79 |
| *MAY* 13, 1983 | 67 | 59 | 8 | -- | 3 | 6 | 11 | 15 | -- | 8 | 110 |
| *MAY* 6, 1983 | 39 | 32 | 7 | -- | 1 | 7 | 12 | 12 | -- | 8 | 79 |
| *APR.* 29, 1983 | 65 | 57 | 8 | -- | 3 | 7 | 11 | 4 | -- | 8 | 98 |
| **TOTAL U.S.** | 136 | 72 | 64 | -- | 11 | 67 | 722 | 189 | 142 | 171 | 1,438 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *MAY* 13, 1983 | 513 | 450 | 63 | -- | 15 | 55 | 588● | 197 | 389 | 128● | 1,885 |
| *MAY* 6, 1983 | 251 | 188 | 63 | -- | 15 | 95 | 688 | 195 | 245 | 174 | 1,663 |
| *APR.* 29, 1983 | 159 | 95 | 64 | -- | 29 | 58 | 861 | 244 | 75 | 179 | 1,605 |
| *MAY* 21, 1982 | 145 | *N/A* | 63 | -- | 10 | 135 | 613 | 160 | 154 | 17 | 1,234 |

---

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

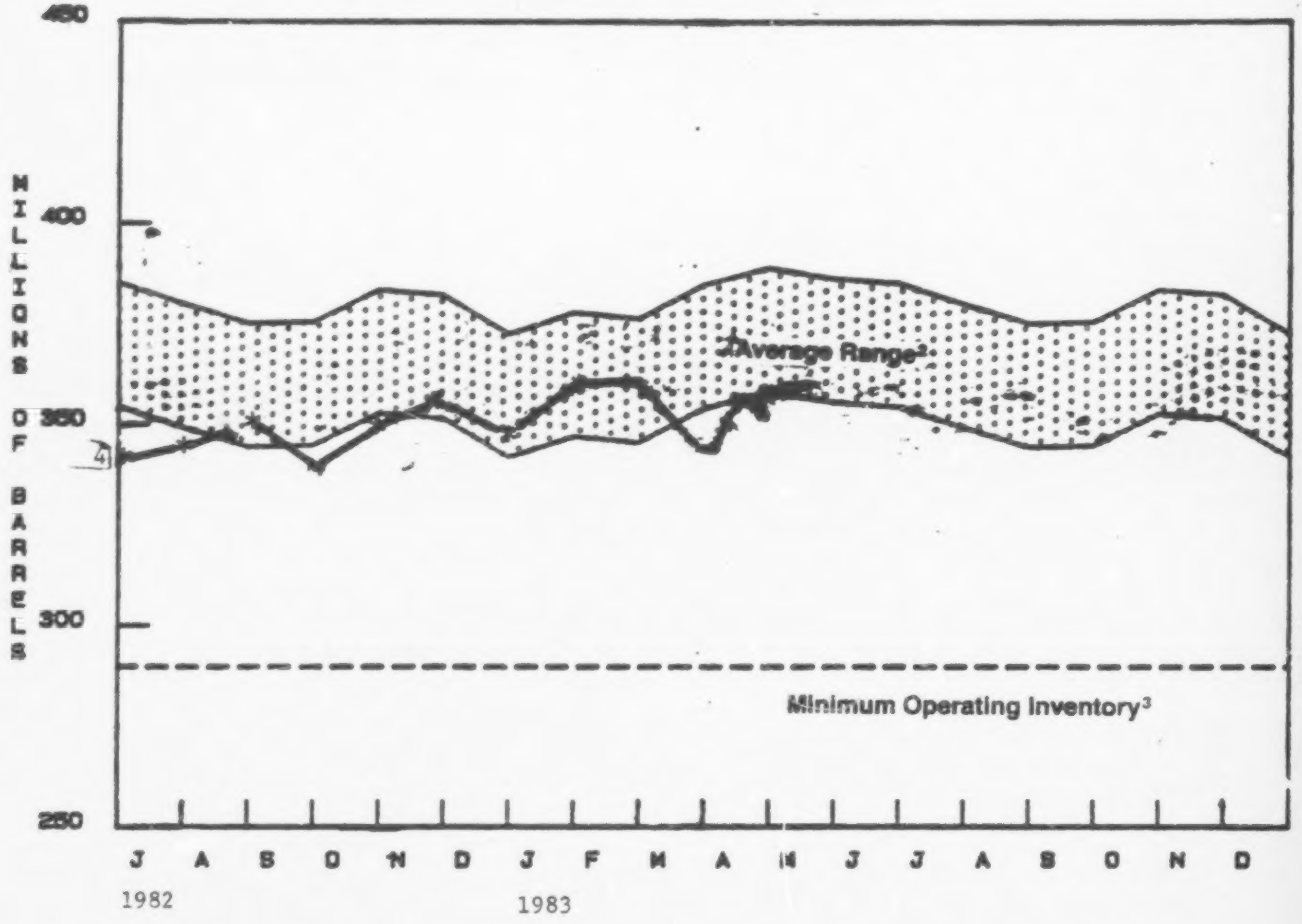
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 5/13/83 | PAGE 3 | TOTAL MGAS | DISTRICT 3 TOTAL | 64,142 |
| | | | TOTAL U.S. | 225,698 |
| | | | DISTRICTS 1-4 | 200,352 |
| | | LEADED MGAS | DISTRICT 3 TOTAL | 22,189 |
| | | | TOTAL U.S. | 91,304 |
| | | | DISTRICTS 1-4 | 82,253 |
| | | UNLEADED MGAS | DISTRICT 3 TOTAL | 25,360 |
| | | | TOTAL U.S. | 94,392 |
| | | | DISTRICTS 1-4 | 84,571 |
| | | KEROSINE JET | DISTRICT 3 TOTAL | 10,305 |
| | | | TOTAL U.S. | 35,138 |
| | | | DISTRICTS 1-4 | 29,003 |
| | | DISTILLATE FUEL | DISTRICT 3 TOTAL | 28,335 |
| | | | TOTAL U.S. | 109,023 |
| | | | DISTRICTS 1-4 | 99,295 |
| | PAGE 4 TOP | CANADIAN CRUDE OIL | DISTRICTS 1-4 TOTAL | 206 |
| | | | TOTAL U.S. | 213 |
| | | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 271,693 |
| | | | TOTAL U.S. | 359,992 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 3 | 158,792 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 271,693 |
| | | TOTAL | TOTAL U.S. | 359,992 |
| | PAGE 5 | RESIDUAL FUEL | LOWER ATLANTIC | 144 |
| | | | DISTRICT 1 TOTAL | 568 |
| | | | TOTAL U.S. | 588 |
| | | OTHER | LOWER ATLANTIC | 20 |
| | | | DISTRICT 1 TOTAL | 63 |
| | | | TOTAL U.S. | 128 |

Week Ended May 20, 1983

## Crude Oil Stocks at Primary Level[1-5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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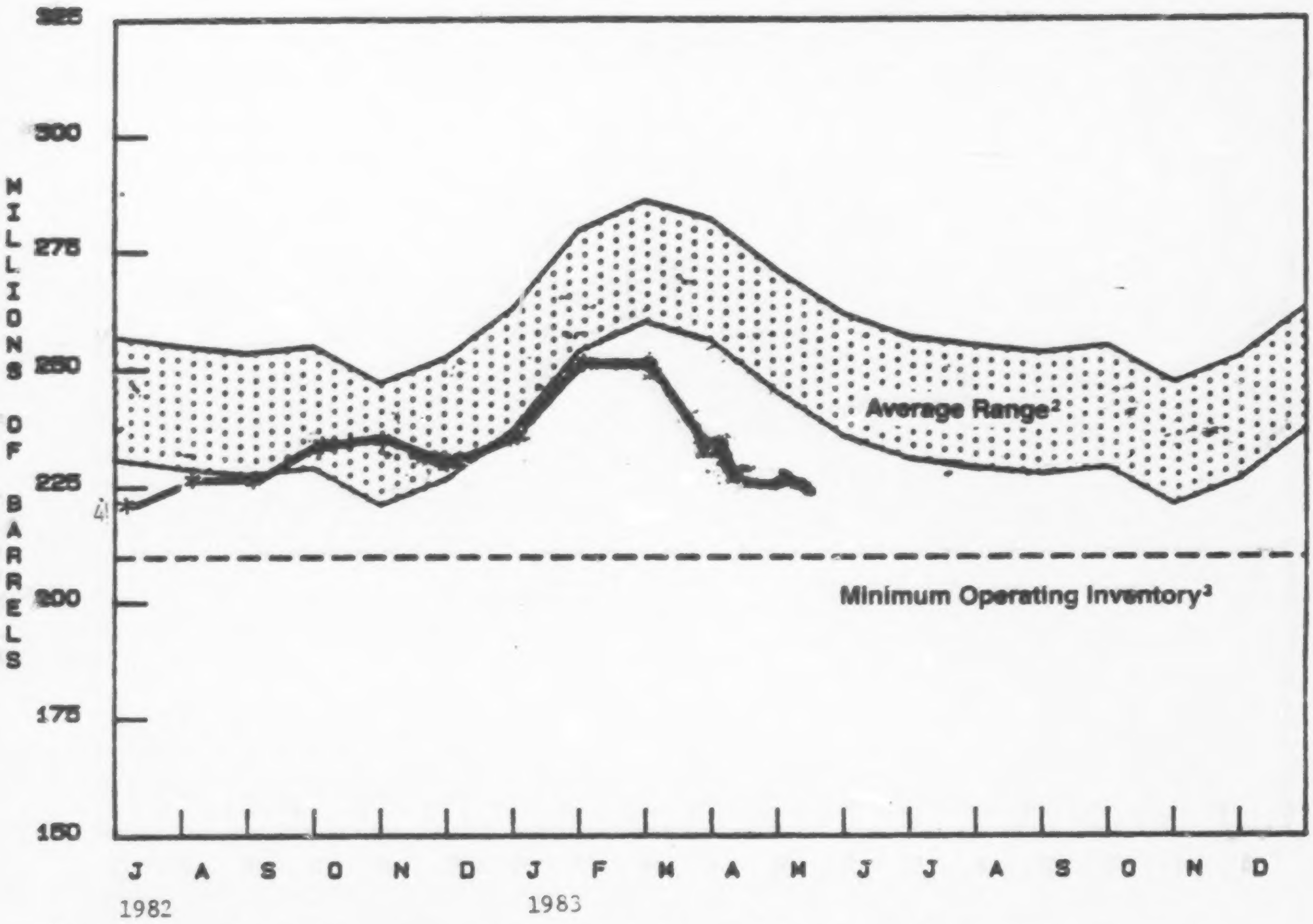
## Motor Gasoline Stocks at Primary Level[1,5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

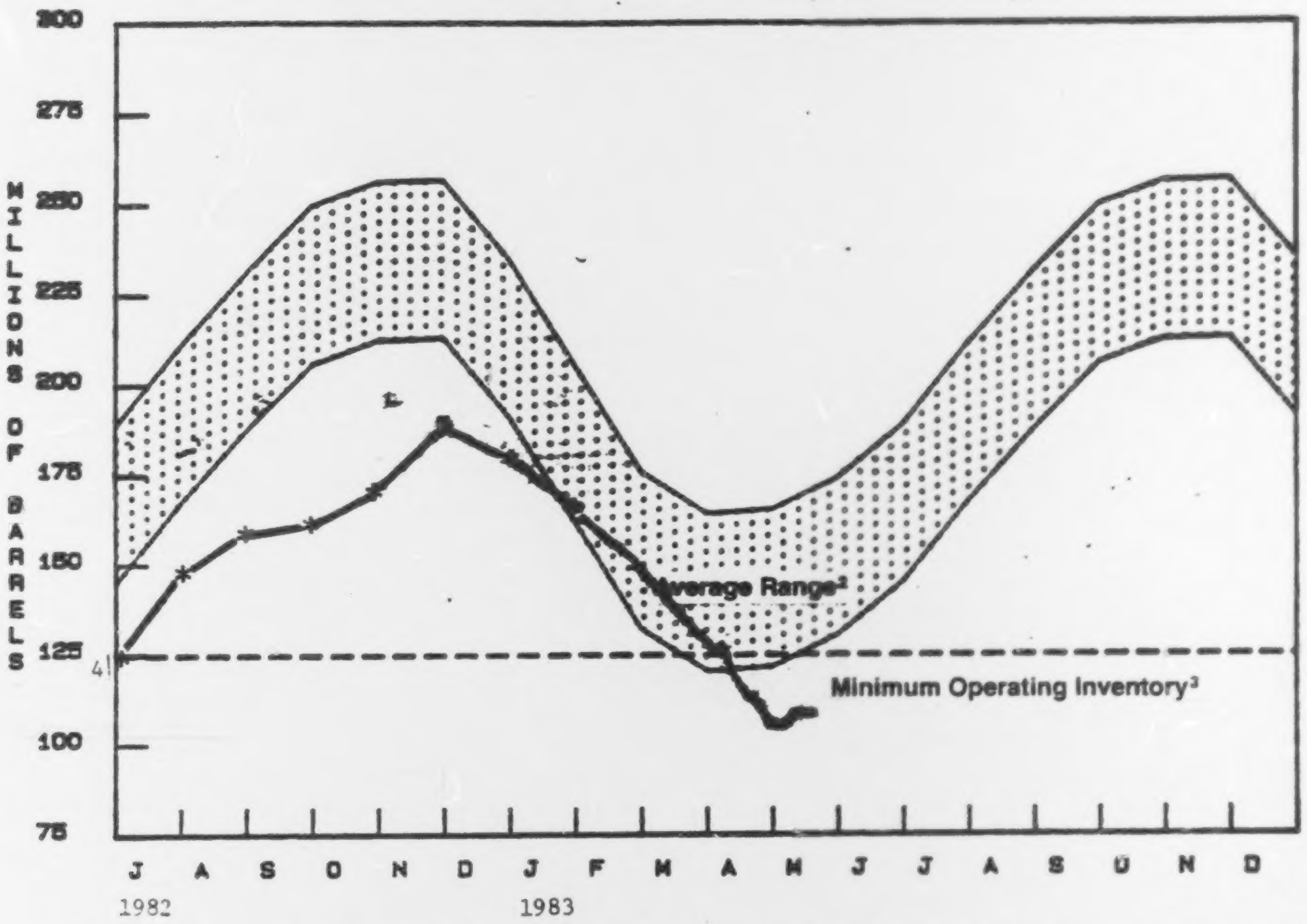
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

BEST AVA

## Distillate Fuel Oil Stocks at Primary Level[1, 5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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A2575-1 6/6/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** MAY 27, 1983 **NO.** 21

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 05/27/83 | Last Week Ending: 05/20/83 | Last Year Week Ending: 05/28/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,075 | 11,902 | 12,186 | + 173 | - 111 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 71.6 | 70.6 | 69.7 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,606 | 6,376 | 6,421 | + 230 | + 185 |
| Finished leaded motor gasoline production | 3,083 | 2,863 | N/A | + 220 | N/A |
| Finished unleaded motor gasoline production | 3,523 | 3,513 | N/A | + 10 | N/A |
| Total motor gasoline stocks | 223,732 | 224,349 | 213,067 | - 617 | + 10,665 |
| Finished leaded motor gasoline stocks | 92,564 | 91,182 | N/A | + 1,382 | N/A |
| Finished unleaded motor gasoline stocks | 94,105 | 94,356 | 84,736 | - 251 | + 9,369 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,386 | 2,342 | 2,678 | + 44 | - 292 |
| Distillate fuel oil stocks | 111,571 | 109,817 | 110,069 | + 1,754 | + 1,502 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 861 | 897 | 1,111 | - 36 | - 250 |
| Residual fuel oil stocks | 47,648 | 47,805 | 53,630 | - 157 | - 5,982 |
| Imports | | | | | |
| Crude oil imports | 2,932 | 3,081 | 3,239 | - 149 | - 307 |
| Product imports | 1,424 | 1,466 | 1,623 | - 42 | - 199 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 358,966 | 360,242 | 359,774 | - 1,276 | - 808 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** MAY 27, 1983 **NO.** 21

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,187 | 990 | 1,047 | 1,569 | 66.7 |
| Appal. No. 1 | 97 | 93 | 96 | 98 | 98.0 |
| **DISTRICT 1 TOTAL** | 1,284 | 1,083 | 1,143 | 1,667 | 68.6 |
| Appal. No. 2 | 60 | 56 | 60 | 66 | 90.9 |
| Ind., Ill., Ky. | 1,695 | 1,599 | 1,638 | 2,399 | 68.3 |
| Minn., Wis., Daks. | 224 | 211 | 221 | 293 | 75.4 |
| Okla., Kans., Mo. | 752 | 641 | 654 | 858 | 76.2 |
| **DISTRICT 2 TOTAL** | 2,731 | 2,507 | 2,573 | 3,616 | 71.2 |
| Inland Texas | 563 | 485 | 513 | 592 | 86.7 |
| Texas Gulf Coast | 3,328 | 2,951 | 3,052 | 4,164 | 73.3 |
| La. Gulf Coast | 2,022 | 1,849 | 1,880 | 2,748 | 68.4 |
| N. La. and Ark. | 170 | 146 | 172 | 314 | 54.8 |
| New Mexico | 105 | 87 | 89 | 117 | 76.1 |
| **DISTRICT 3 TOTAL** | 6,188 | 5,518 | 5,706 | 7,935 | 71.9 |
| **DISTRICT 4 TOTAL** | 429 | 424 | 429 | 553 | 77.6 |
| **DISTRICT 5 TOTAL** | 2,356 | 2,161 | 2,224 | 3,083 | 72.1 |
| **TOTAL U.S.** | 12,988 | 11,693 | 12,075 | 16,854 | 71.6 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| MAY 20, 1983 | 12,810 | 11,479 | 11,902 | 16,854 | 70.6 |
| MAY 28, 1982 | 13,010 | 11,832 | 12,186 | 17,492 | 69.7 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| MAY 27, 1983 | 10,632 | 9,532 | 9,851 | 13,771 | 71.5 |
| MAY 20, 1983 | 10,614 | 9,339 | 9,687 | 13,771 | 70.3 |
| MAY 28, 1982 | 10,955 | 9,734 | 10,049 | 14,408 | 69.7 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** MAY 27, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| **DISTRICT** | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 601 | 174 | 427 | 16 | 38 | 224 | 87 |
| Appal. No. 1 | 37 | 21 | 16 | 2 | -- | 23 | 7 |
| **DISTRICT 1 TOTAL** | 638 | 195 | 443 | 18 | 38 | 247 | 94 |
| Appal. No. 2 | 39 | 25 | 14 | 1 | 1 | 10 | 2 |
| Ind., Ill., Ky. | 1,148 | 540 | 608 | 15 | 69 | 254 | 41 |
| Minn., Wis., Daks. | 131 | 49 | 82 | 3 | 9 | 49 | 6 |
| Okla., Kans., Mo. | 465 | 309 | 156 | 7 | 26 | 151 | 14 |
| **DISTRICT 2 TOTAL** | 1,783 | 923 | 860 | 26 | 105 | 464 | 63 |
| Inland Texas | 344● | 180● | 164● | 38 | 44 | 95● | 22 |
| Texas Gulf Coast | 1,522 | 727 | 795 | 56 | 204 | 667 | 228 |
| La. Gulf Coast | 974 | 434 | 540 | 12 | 198 | 354 | 105 |
| N. La. and Ark. | 56 | 36 | 20 | 7 | -- | 46 | 7 |
| New Mexico | 44 | 23 | 21 | 25 | 1 | 25 | 3 |
| **DISTRICT 3 TOTAL** | 2,940● | 1,400● | 1,540● | 138 | 447 | 1,187● | 365 |
| **DISTRICT 4 TOTAL** | 228 | 128 | 100 | 13 | 18 | 117 | 15 |
| **DISTRICT 5 TOTAL** | 1,017 | 437 | 580 | 58 | 232 | 371 | 324 |
| **TOTAL U.S.** | 6,606 | 3,083 | 3,523 | 253 | 840 | 2,386 | 861 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| MAY 20, 1983 | 6,376● | 2,863● | 3,513● | 253 | 758 | 2,342● | 897 |
| MAY 28, 1982 | 6,421 | N/A | N/A | 184 | 642 | 2,678 | 1,111 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| MAY 27, 1983 | 5,589 | 2,646 | 2,943 | 195 | 608 | 2,015 | 537 |
| MAY 20, 1983 | 5,466● | 2,431● | 3,035● | 197 | 537 | 2,012● | 549 |
| MAY 28, 1982 | 5,566 | N/A | N/A | 140 | 493 | 2,362 | 817 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

● SEE REVISIONS ON PAGE 7.
NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *MAY* 27, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| | | Motor Gasoline | | | Jet Fuel | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **DISTRICT** | **Total Motor Gasoline[1]** | **Finished Leaded** | **Finished Unleaded** | **Blending Components** | **Naphtha Type** | **Kerosine Type** | **Distillate Fuel Oil[2]** | **Residual Fuel Oil** | **Unfinished Oils** |
| New England | 6,030 | 3,121 | 2,909 | -- | 152 | 901 | 4,633 | 2,224 | -- |
| Central Atlantic | 29,804● | 12,139● | 13,803 | 3,862 | 723 | 5,048● | 20,565● | 14,409 | 12,935 |
| Lower Atlantic | 29,256 | 15,066 | 13,973 | 217 | 267 | 4,429 | 12,664 | 3,816 | 632 |
| **DISTRICT 1 TOTAL** | 65,090● | 30,326● | 30,685 | 4,079 | 1,142 | 10,378● | 37,862● | 20,449 | 13,567 |
| **DISTRICT 2 TOTAL** | 63,290 | 27,623 | 27,621 | 8,046 | 1,351 | 7,863 | 30,067 | 3,624 | 20,127 |
| **DISTRICT 3 TOTAL** | 62,725 | 22,889 | 24,023 | 15,813 | 2,951 | 10,362 | 30,533 | 12,623 | 48,856 |
| **DISTRICT 4 TOTAL** | 7,377 | 2,968 | 1,648 | 2,761 | 357 | 685 | 2,855 | 548 | 2,943 |
| **DISTRICT 5 TOTAL** | 25,250 | 8,758 | 10,128 | 6,364 | 1,515 | 6,399 | 10,254● | 10,404 | 21,357 |
| **TOTAL U.S.** | 223,732 | 92,564 | 94,105 | 37,063 | 7,316 | 35,687 | 111,571 | 47,648 | 106,850 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *MAY* 20, 1983 | 224,349● | 91,182● | 94,356 | 38,811 | 7,367 | 34,537● | 109,817● | 47,805 | 109,074 |
| *MAY* 28, 1982 | 213,067 | *N/A* | 84,736 | *N/A* | 6,297 | 35,703 | 110,069 | 53,630 | 119,502 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | | | | | |
| *MAY* 27, 1983 | 198,482 | 83,806 | 83,977 | 30,699 | 5,801 | 29,288 | 101,317 | 37,244 | 85,493 |
| *MAY* 20, 1983 | 199,436● | 82,439● | 84,645 | 32,352 | 5,904 | 28,207● | 99,827● | 37,284 | 84,549 |
| *MAY* 28, 1982 | 190,362 | *N/A* | 76,771 | *N/A* | 4,970 | 30,084 | 99,627 | 45,377 | 90,508 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy *JAN.* 1983 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *MAY* 27, 1983 | 5,906.0 | 5,830.0 | 2,669 | 214 | 273,331 |
| *MAY* 20, 1983 | 5,906.0 | -- | 2,822 | 232 | 274,618 |
| *MAY* 13, 1983 | 5,906.0 | -- | 2,444 | 206 | 271,693 |
| *MAY* 6, 1983 | 5,893.5 | -- | 2,776 | 236 | 272,390 |
| **DISTRICT 5 TOTAL** | | | | | |
| *MAY* 27, 1983 | 2,820.5 | 2,830.0 | 263 | -- | 85,635 * |
| *MAY* 20, 1983 | 2,820.5 | -- | 259 | 7 | 85,624 |
| *MAY* 13, 1983 | 2,820.5 | -- | 274 | 7 | 88,299 |
| *MAY* 6, 1983 | 2,818.5 | -- | 145 | -- | 85,456 |
| **TOTAL U.S.** | | | | | |
| *MAY* 27, 1983 | 8,726.5 | 8,660.0 | 2,932 | 214 | 358,966 * |
| *MAY* 20, 1983 | 8,726.5 | -- | 3,081 | 239 | 360,242 |
| *MAY* 13, 1983 | 8,726.5 | -- | 2,718 | 213 | 359,992 |
| *MAY* 6, 1983 | 8,712.0 | -- | 2,921 | 236 | 357,846 |
| *MAY* 28, 1982 | 8,711.7/*A* | -- | 3,239 | 191 | 359,774 |

**INCLUDES* 29,532 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR MAY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *MAY.* 27, 1983 | 18,529 | 81,163 | 159,005 | 14,634 | 273,331 | 85,635 * | 358,966 * |
| *MAY.* 20, 1983 | 18,040 | 80,316 | 160,923 | 15,339 | 274,618 | 85,624 | 360,242 |
| *MAY.* 28, 1982 | 20,715 | 78,388 | 161,981 | 15,462 | 276,546 | 83,228 | 359,774 |

[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** MAY 27, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

|  |  | Motor Gasoline |  | Jet Fuel |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
| New England | -- | -- | -- | -- | -- | -- | -- | 9 | -- | -- | 9 |
| Central Atlantic | 168● | 110● | 58 | -- | 17 | -- | 391 | -- | 74 | 3 | 653● |
| Lower Atlantic | -- | -- | -- | -- | -- | 85 | 63 | -- | -- | -- | 148 |
| **DISTRICT 1 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| MAY 27, 1983 | 168 | 110 | 58 | -- | 17 | 85 | 454 | 9 | 74 | 3 | 810 |
| MAY 20, 1983 | 116● | 60● | 56 | -- | 9 | 60 | 656 | 15 | 104 | 136 | 1,096● |
| MAY 13, 1983 | 406 | 351 | 55 | -- | 12 | 45 | 568 | 10 | 54 | 63 | 1,158 |
| MAY 6, 1983 | 206 | 150 | 56 | -- | 14 | 88 | 660 | 9 | 216 | 92 | 1,285 |
| **DISTRICTS 2-4 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| MAY 27, 1983 | 13 | 13 | -- | -- | -- | 8 | 35 | 178 | 76 | 196 | 506 |
| MAY 20, 1983 | 15 | 15 | -- | -- | -- | -- | 55 | 157 | 38 | 26 | 291 |
| MAY 13, 1983 | 40 | 40 | -- | -- | -- | 4 | 9 | 172 | 335 | 57 | 617 |
| MAY 6, 1983 | 6 | 6 | -- | -- | -- | -- | 16 | 174 | 29 | 74 | 299 |
| **DISTRICT 5 TOTAL** |  |  |  |  |  |  |  |  |  |  |  |
| MAY 27, 1983 | 65 | 57 | 8 | -- | 3 | 4 | 17 | 14 | -- | 5 | 108 |
| MAY 20, 1983 | 33 | 25 | 8 | -- | 2 | 7 | 11 | 17 | -- | 9 | 79 |
| MAY 13, 1983 | 67 | 59 | 8 | -- | 3 | 6 | 11 | 15 | -- | 8 | 110 |
| MAY 6, 1983 | 39 | 32 | 7 | -- | 1 | 7 | 12 | 12 | -- | 8 | 79 |
| **TOTAL U.S.** | 246 | 180 | 66 | -- | 20 | 97 | 506 | 201 | 150 | 204 | 1,424 |
| **TOTAL U.S.** **Weeks Ended:** |  |  |  |  |  |  |  |  |  |  |  |
| MAY 20, 1983 | 164● | 100● | 64 | -- | 11 | 67 | 722 | 189 | 142 | 171 | 1,466● |
| MAY 13, 1983 | 513 | 450 | 63 | -- | 15 | 55 | 588 | 197 | 389 | 128 | 1,885 |
| MAY 6, 1983 | 251 | 188 | 63 | -- | 15 | 95 | 688 | 195 | 245 | 174 | 1,663 |
| MAY 28, 1982 | 172 | N/A | 70 | -- | 12 | 74 | 841 | 175 | 326 | 23 | 1,623 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

● *SEE REVISIONS ON PAGE 7.*

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 5/20/83 | PAGE 2 | TOTAL MGAS | INLAND TEXAS | 261 |
| | | | DISTRICT 3 TOTAL | 2,902 |
| | | | TOTAL U.S. | 6,376 |
| | | | DISTRICTS 1-4 | 5,466 |
| | | LEADED MGAS | INLAND TEXAS | 123 |
| | | | DISTRICT 3 TOTAL | 1,239 |
| | | | TOTAL U.S. | 2,863 |
| | | | DISTRICTS 1-4 | 2,431 |
| | | UNLEADED MGAS | INLAND TEXAS | 138 |
| | | | DISTRICT 3 TOTAL | 1,663 |
| | | | TOTAL U.S. | 3,513 |
| | | | DISTRICTS 1-4 | 3,035 |
| | | DISTILLATE FUEL | INLAND TEXAS | 108 |
| | | | DISTRICT 3 TOTAL | 1,182 |
| | | | TOTAL U.S. | 2,342 |
| | | | DISTRICTS 1-4 | 2,012 |
| | PAGE 3 | TOTAL MGAS | CENTRAL ATLANTIC | 30,269 |
| | | | DISTRICT 1 TOTAL | 65,469 |
| | | | TOTAL U.S. | 224,349 |
| | | | DISTRICTS 1-4 | 199,436 |
| | | LEADED MGAS | CENTRAL ATLANTIC | 12,550 |
| | | | DISTRICT 1 TOTAL | 30,570 |
| | | | TOTAL U.S. | 91,182 |
| | | | DISTRICTS 1-4 | 82,439 |
| | | KEROSINE JET | CENTRAL ATLANTIC | 4,820 |
| | | | DISTRICT 1 TOTAL | 10,020 |
| | | | TOTAL U.S. | 34,537 |
| | | | DISTRICTS 1-4 | 28,207 |
| | | DISTILLATE FUEL | CENTRAL ATLANTIC | 18,872 |
| | | | DISTRICT 1 TOTAL | 37,000 |
| | | | DISTRICT 5 TOTAL | 9,990 |
| | | | TOTAL U.S. | 109,817 |
| | | | DISTRICTS 1-4 | 99,827 |
| | PAGE 5 | TOTAL MGAS | CENTRAL ATLANTIC | 116 |
| | | | DISTRICT 1 TOTAL | 116 |
| | | | TOTAL U.S. | 164 |
| | | LEADED MGAS | CENTRAL ATLANTIC | 60 |
| | | | DISTRICT 1 TOTAL | 60 |

## *REVISIONS*

| | | |
|---|---|---|
| *TOTAL* | *TOTAL U.S.* | 100 |
| | *CENTRAL ATLANTIC* | 780 |
| | *DISTRICT 1 TOTAL* | 1,096 |
| | *TOTAL U.S.* | 1,466 |

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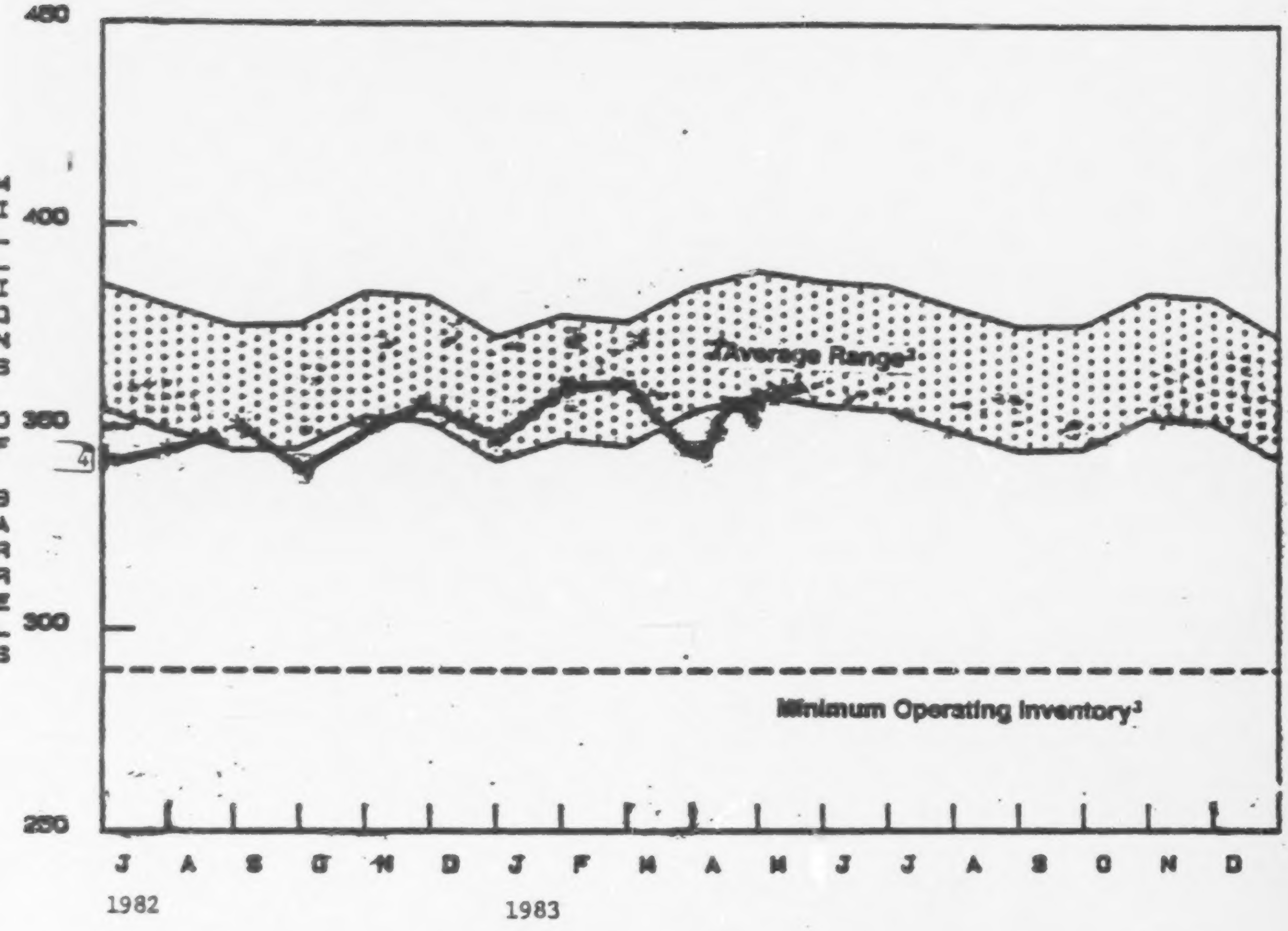
Week Ended May 27, 1983

## Crude Oil Stocks at Primary Level[1] 5



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

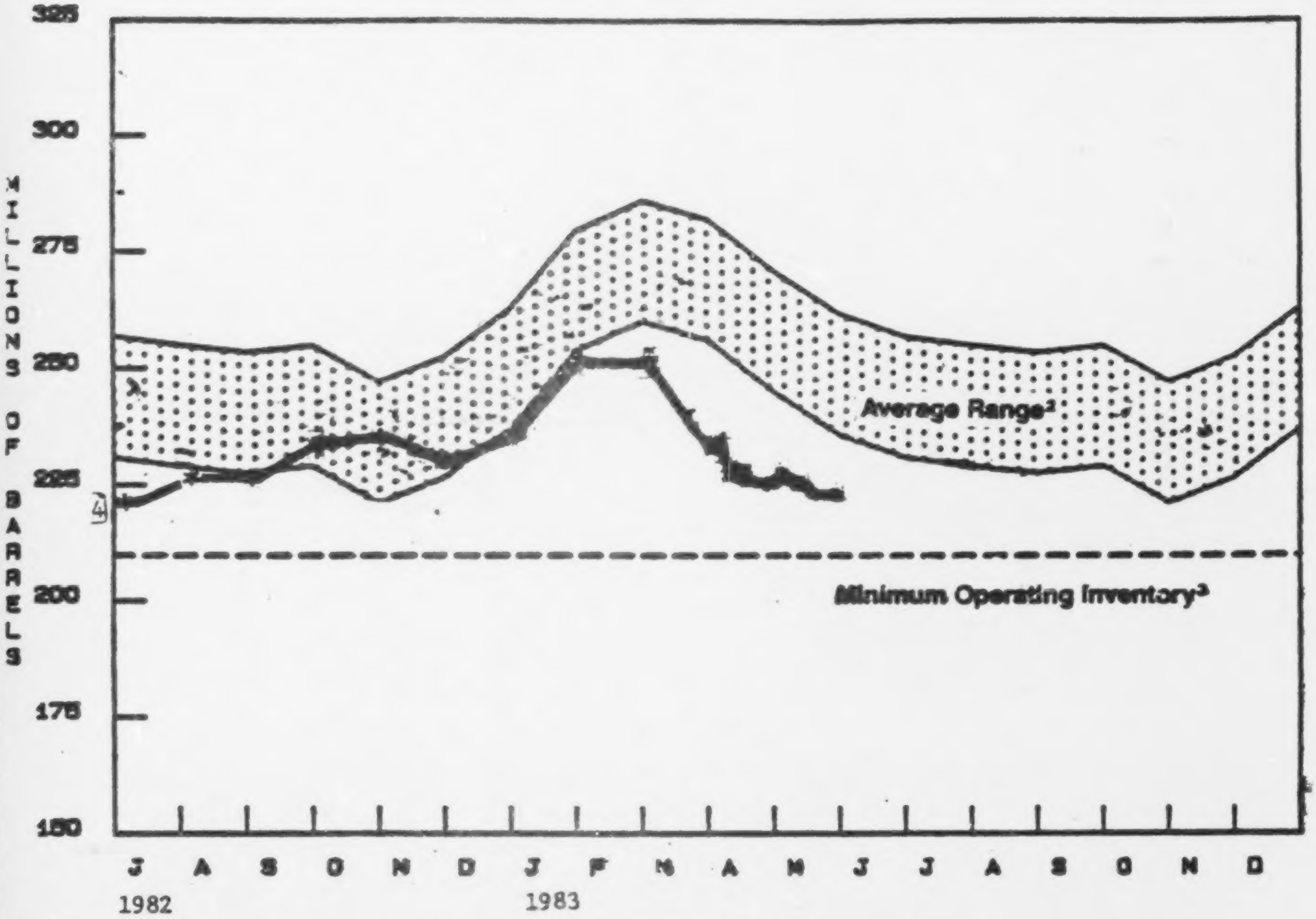
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

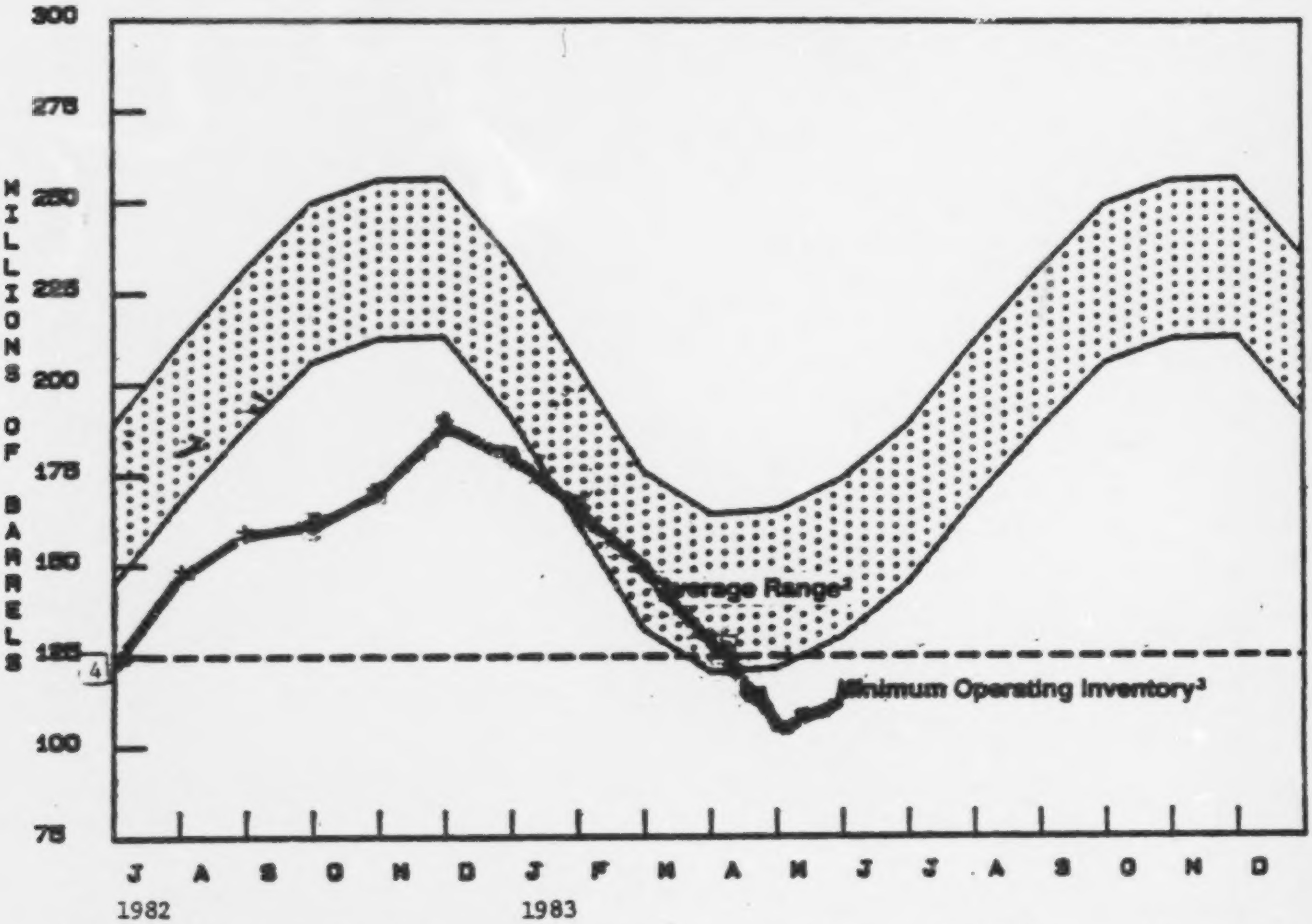
[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

BEST AVAILA

Week Ended May 27, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** JUNE 3, 1983 **NO.** 22

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 06/03/83 | Last Week Ending: 05/27/83 | Last Year Week Ending: 06/04/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,419 | 12,075 | 12,438 | + 344 | - 19 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 73.7 | 71.6 | 71.1 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,339 | 6,531 | 6,416 | - 192 | - 77 |
| Finished leaded motor gasoline production | 2,910 | 3,042 | N/A | - 132 | N/A |
| Finished unleaded motor gasoline production | 3,429 | 3,489 | N/A | - 60 | N/A |
| Total motor gasoline stocks | 225,670 | 223,732 | 213,036 | + 1,938 | + 12,634 |
| Finished leaded motor gasoline stocks | 93,662 | 92,564 | N/A | + 1,098 | N/A |
| Finished unleaded motor gasoline stocks | 93,559 | 94,105 | 84,258 | - 546 | + 9,301 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,434 | 2,386 | 2,625 | + 48 | - 191 |
| Distillate fuel oil stocks | 111,866 | 111,571 | 113,596 | + 295 | - 1,730 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 912 | 861 | 1,105 | + 51 | - 193 |
| Residual fuel oil stocks | 47,576 | 47,648 | 54,838 | - 72 | - 7,262 |
| Imports | | | | | |
| Crude oil imports | 2,926 | 2,932 | 2,907 | - 6 | + 19 |
| Product imports | 1,301 | 1,424 | 1,452 | - 123 | - 151 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 349,162 | 358,966 | 353,711 | - 9,804 | - 4,549 |

*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JUNE* 3, 1983 **NO.** 22

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,284 | 1,041 | 1,090 | 1,569 | 69.5 |
| Appal. No. 1 | 96 | 93 | 96 | 98 | 98.0 |
| **DISTRICT 1 TOTAL** | 1,380 | 1,134 | 1,186 | 1,667 | 71.1 |
| Appal. No. 2 | 57 | 53 | 57 | 66 | 86.4 |
| Ind., Ill., Ky. | 1,938 | 1,687 | 1,730 | 2,399 | 72.1 |
| Minn., Wis., Daks. | 249 | 237 | 247 | 293 | 84.3 |
| Okla., Kans., Mo. | 745 | 658 | 673 | 858 | 78.4 |
| **DISTRICT 2 TOTAL** | 2,989 | 2,635 | 2,707 | 3,616 | 74.9 |
| Inland Texas | 544 | 487 | 514 | 592 | 86.8 |
| Texas Gulf Coast | 3,338 | 3,001 | 3,095 | 4,164 | 74.3 |
| La. Gulf Coast | 2,116● | 1,894 | 1,941 | 2,748 | 70.6 |
| N. La. and Ark. | 175 | 145 | 171 | 314 | 54.5 |
| New Mexico | 96 | 79 | 80 | 117 | 68.4 |
| **DISTRICT 3 TOTAL** | 6,269● | 5,606 | 5,801 | 7,935 | 73.1 |
| **DISTRICT 4 TOTAL** | 497 | 423 | 427 | 553 | 77.2 |
| **DISTRICT 5 TOTAL** | 2,357 | 2,212 | 2,298 | 3,083 | 74.5 |
| **TOTAL U.S.** | 13,492 | 12,010 | 12,419 | 16,854 | 73.7 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *MAY* 27, 1983 | 13,032● | 11,693 | 12,075 | 16,854 | 71.6 |
| *JUN.* 4, 1982 | 13,123 | 12,122 | 12,438 | 17,492 | 71.1 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *JUN.* 3, 1983 | 11,135 | 9,798 | 10,121 | 13,771 | 73.5 |
| *MAY* 27, 1983 | 10,676● | 9,532 | 9,851 | 13,771 | 71.5 |
| *JUN.* 4, 1982 | 10,990 | 10,054 | 10,315 | 14,408 | 71.6 |

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JUNE* 3, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

|  |  | Motor Gasoline |  | Jet Fuel |  |  |  |
|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 597 | 226 | 371 | 30 | 26 | 208 | 91 |
| Appal. No. 1 | 41 | 24 | 17 | 2 | -- | 25 | 7 |
| **DISTRICT 1 TOTAL** | 638 | 250 | 388 | 32 | 26 | 233 | 98 |
| Appal. No. 2 | 32 | 16 | 16 | 1 | -- | 8 | 1 |
| Ind., Ill., Ky. | 1,053 | 507 | 546 | 20 | 79 | 318 | 57 |
| Minn., Wis., Daks. | 151 | 86 | 65 | 4 | 9 | 57 | 6 |
| Okla., Kans., Mo. | 416 | 265 | 151 | 14 | 41 | 164 | 14 |
| **DISTRICT 2 TOTAL** | 1,652 | 874 | 778 | 39 | 129 | 547 | 78 |
| Inland Texas | 277● | 128● | 149● | 29 | 39 | 93 | 21 |
| Texas Gulf Coast | 1,512 | 662 | 850 | 49 | 188 | 674 | 264 |
| La. Gulf Coast | 974 | 410 | 564 | 13 | 203 | 347 | 122 |
| N. La. and Ark. | 57 | 33 | 24 | 7 | -- | 45 | 6 |
| New Mexico | 44 | 23 | 21 | 15 | 1 | 21 | 2 |
| **DISTRICT 3 TOTAL** | 2,864● | 1,256● | 1,608● | 113 | 431 | 1,180 | 415 |
| **DISTRICT 4 TOTAL** | 247 | 153 | 94 | 12 | 16 | 119 | 14 |
| **DISTRICT 5 TOTAL** | 938 | 377 | 561 | 67 | 230 | 355 | 307 |
| **TOTAL U.S.** | 6,339 | 2,910 | 3,429 | 263 | 832 | 2,434 | 912 |
| **TOTAL U.S. Weeks Ended:** |  |  |  |  |  |  |  |
| *MAY* 27, 1983 | 6,531● | 3,042● | 3,489● | 253 | 840 | 2,386 | 861 |
| *JUN.* 4, 1982 | 6,416 | *N/A* | *N/A* | 177 | 723 | 2,625 | 1,105 |
| **DISTRICTS 1–4 Weeks Ended:** |  |  |  |  |  |  |  |
| *JUN.* 3, 1983 | 5,401 | 2,533 | 2,868 | 196 | 602 | 2,079 | 605 |
| *MAY* 27, 1983 | 5,514● | 2,605● | 2,909● | 195 | 608 | 2,015 | 537 |
| *JUN.* 4, 1982 | 5,551 | *N/A* | *N/A* | 160 | 539 | 2,324 | 747 |

---

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE 7.*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JUNE 3, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| | | Motor Gasoline | | | Jet Fuel | | | | |
|---|---|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
| New England | 5,999 | 3,013 | 2,986 | -- | 177 | 910 | 4,904 | 2,071 | -- |
| Central Atlantic | 29,696 | 12,805 | 12,982 | 3,909 | 760 | 5,163 | 20,456 | 14,550 | 13,243 |
| Lower Atlantic | 29,376 | 16,266 | 12,803 | 307 | 331 | 4,236 | 13,675 | 3,904 | 641 |
| **DISTRICT 1 TOTAL** | 65,071 | 32,084 | 28,771 | 4,216 | 1,268 | 10,309 | 39,035 | 20,525 | 13,884 |
| **DISTRICT 2 TOTAL** | 62,719 | 26,937 | 27,021 | 8,761 | 1,335 | 8,251 | 29,060 | 3,610 | 19,386 |
| **DISTRICT 3 TOTAL** | 64,582 | 23,053 | 25,681 | 15,848 | 2,787 | 11,072 | 30,392 | 13,784 | 48,237 |
| **DISTRICT 4 TOTAL** | 7,474 | 2,886 | 1,789 | 2,799 | 312 | 655 | 3,115 | 507 | 2,892 |
| **DISTRICT 5 TOTAL** | 25,824 | 3,702 | 10,297 | 6,825 | 1,492 | 6,173 | 10,264 | 9,150 | 24,566 |
| **TOTAL U.S.** | 225,670 | 93,662 | 93,559 | 38,449 | 7,194 | 36,460 | 111,866 | 47,576 | 108,965 |
| **TOTAL U.S.** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| MAY 27, 1983 | 223,732 | 92,564 | 94,105 | 37,063 | 7,316 | 35,687 | 111,571 | 47,648 | 106,850 |
| JUN. 4, 1982 | 213,036 | N/A | 84,258 | N/A | 6,076 | 34,805 | 113,596 | 54,838 | 118,999 |
| **DISTRICTS 1–4** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| JUN. 3, 1983 | 199,846 | 84,960 | 83,262 | 31,624 | 5,702 | 30,287 | 101,602 | 38,426 | 84,399 |
| MAY 27, 1983 | 198,482 | 83,806 | 83,977 | 30,699 | 5,801 | 29,288 | 101,317 | 37,244 | 85,493 |
| JUN. 4, 1982 | 189,912 | N/A | 75,881 | N/A | 4,932 | 29,397 | 102,571 | 45,930 | 90,557 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| **Weeks Ended:** | API Monthly | Latest Dept. of Energy *JAN* 1983 | Total | From Canada | |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUN*. 3, 1983 | 5,906.0 | 5,830.0 | 2,425 | 199 | 270,765 |
| *MAY* 27, 1983 | 5,906.0 | -- | 2,669 | 214 | 273,331 |
| *MAY* 20, 1983 | 5,906.0 | -- | 2,822 | 232 | 274,618 |
| *MAY* 13, 1983 | 5,906.0 | -- | 2,444 | 206 | 271,693 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUN*. 3, 1983 | 2,820.5 | 2,830.0 | 501 | 7 | 78,397 * |
| *MAY* 27, 1983 | 2,820.5 | -- | 263 | -- | 85,635 |
| *MAY* 20, 1983 | 2,820.5 | -- | 259 | 7 | 85,624 |
| *MAY* 13, 1983 | 2,820.5 | -- | 274 | 7 | 88,299 |

**INCLUDES* 21,367 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| | | | | | |
|---|---|---|---|---|---|
| **TOTAL U.S.** | | | | | |
| *JUN*. 3, 1983 | 8,726.5 | 8,660.0 | 2,926 | 206 | 349,162 * |
| *MAY* 27, 1983 | 8,726.5 | -- | 2,932 | 214 | 358,966 |
| *MAY* 20, 1983 | 8,726.5 | -- | 3,081 | 239 | 360,242 |
| *MAY* 13, 1983 | 8,726.5 | -- | 2,718 | 213 | 359,992 |
| *JUN*. 4, 1982 | 8,711.7/*A* | -- | 2,907 | 215 | 353,711 |

*/A DOE ACTUAL FOR MAY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JUN*. 3, 1983 | 16,496 | 81,616 | 158,734 | 13,919 | 270,765 | 78,397 * | 349,162 * |
| *MAY*. 27, 1983 | 18,529 | 81,163 | 159,005 | 14,634 | 273,331 | 85,635 | 358,966 |
| *JUN*. 4, 1982 | 20,280 | 75,795 | 161,217 | 15,501 | 272,793 | 80,918 | 353,711 |

[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JUNE* 3, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 78 | 78 | -- | -- | -- | -- | 57 | 5 | -- | -- | 140 |
| Central Atlantic | 91 | -- | 91 | -- | 12 | 55 | 311 | 6 | 193 | -- | 668 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 70 | -- | -- | -- | 70 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *JUN.* 3, 1983 | 169 | 78 | 91 | -- | 12 | 55 | 438 | 11 | 193 | -- | 878 |
| *MAY* 27, 1983 | 168 | 110 | 58 | -- | 17 | 85 | 454 | 9 | 74 | 3 | 810 |
| *MAY* 20, 1983 | 116 | 60 | 56 | -- | 9 | 60 | 656 | 15 | 104 | 136 | 1,096 |
| *MAY* 13, 1983 | 406 | 351 | 55 | -- | 12 | 45 | 568 | 10 | 54 | 63 | 1,158 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *JUN.* 3, 1983 | 7 | 7 | -- | -- | -- | 8 | 50 | 163 | 32 | 65 | 325 |
| *MAY* 27, 1983 | 13 | 13 | -- | -- | -- | 8 | 35 | 178 | 76 | 196 | 506 |
| *MAY* 20, 1983 | 15 | 15 | -- | -- | -- | -- | 55 | 157 | 38 | 26 | 291 |
| *MAY* 13, 1983 | 40 | 40 | -- | -- | -- | 4 | 9 | 172 | 335 | 57 | 617 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *JUN.* 3, 1983 | 44 | 36 | 8 | -- | 3 | 10 | 17 | 16 | -- | 8 | 98 |
| *MAY* 27, 1983 | 65 | 57 | 8 | -- | 3 | 4 | 17 | 14 | -- | 5 | 108 |
| *MAY* 20, 1983 | 33 | 25 | 8 | -- | 2 | 7 | 11 | 17 | -- | 9 | 79 |
| *MAY* 13, 1983 | 67 | 59 | 8 | -- | 3 | 6 | 11 | 15 | -- | 8 | 110 |
| **TOTAL U.S.** | 220 | 121 | 99 | -- | 15 | 73 | 505 | 190 | 225 | 73 | 1,301 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *MAY* 27, 1983 | 246 | 180 | 66 | -- | 20 | 97 | 506 | 201 | 150 | 204 | 1,424 |
| *MAY* 20, 1983 | 164 | 100 | 64 | -- | 11 | 67 | 722 | 189 | 142 | 171 | 1,466 |
| *MAY* 13, 1983 | 513 | 450 | 63 | -- | 15 | 55 | 588 | 197 | 389 | 128 | 1,885 |
| *JUN.* 4, 1982 | 148 | *N/A* | 63 | -- | 10 | 72 | 612 | 155 | 391 | 64 | 1,452 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

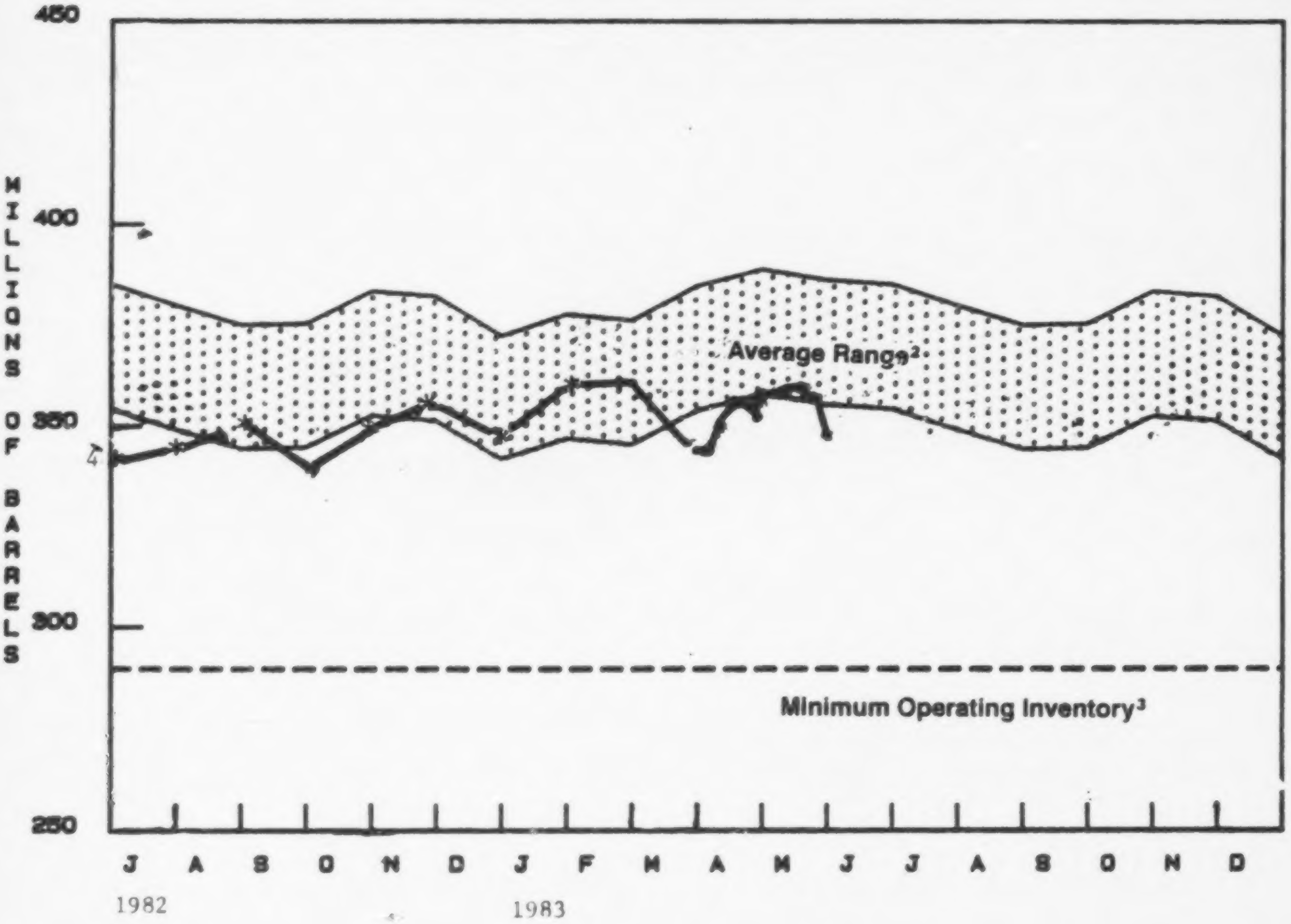
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 5/27/83 | PAGE 1 | TOTAL REFINERY INPUT | LA. GULF COAST | 2,066 |
| | | | DISTRICT 3 TOTAL | 6,232 |
| | | | TOTAL U.S. | 13,032 |
| | | | DISTRICTS 1-4 | 10,676 |
| | PAGE 2 | TOTAL MGAS | INLAND TEXAS | 269 |
| | | | DISTRICT 3 TOTAL | 2,865 |
| | | | TOTAL U.S. | 6,531 |
| | | | DISTRICTS 1-4 | 5,514 |
| | | LEADED MGAS | INLAND TEXAS | 139 |
| | | | DISTRICT 3 TOTAL | 1,359 |
| | | | TOTAL U.S. | 3,042 |
| | | | DISTRICTS 1-4 | 2,605 |
| | | UNLEADED MGAS | INLAND TEXAS | 130 |
| | | | DISTRICT 3 TOTAL | 1,506 |
| | | | TOTAL U.S. | 3,489 |
| | | | DISTRICTS 1-4 | 2,909 |

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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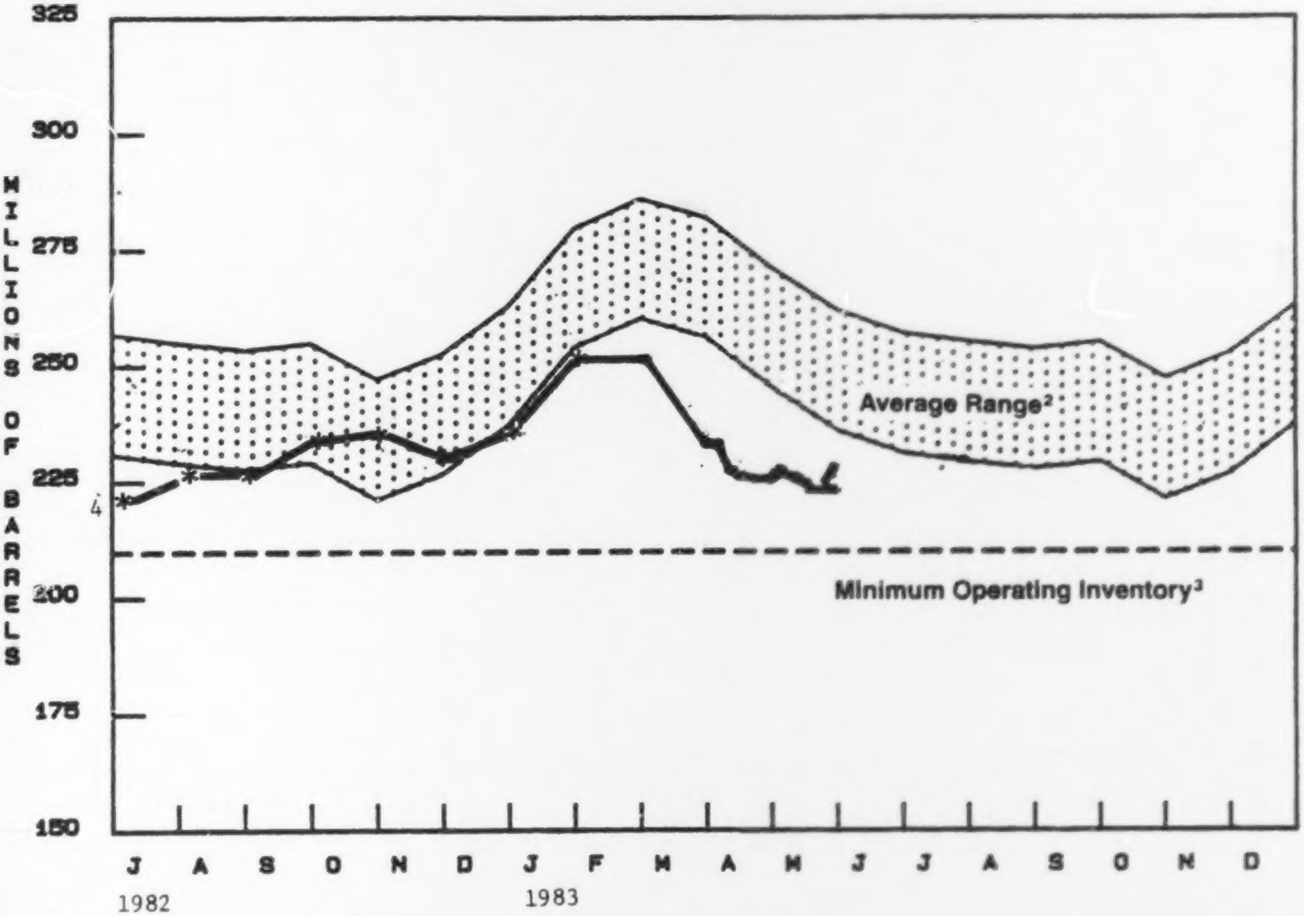
Week Ended June 3, 1983

## Motor Gasoline Stocks at Primary Level[1,5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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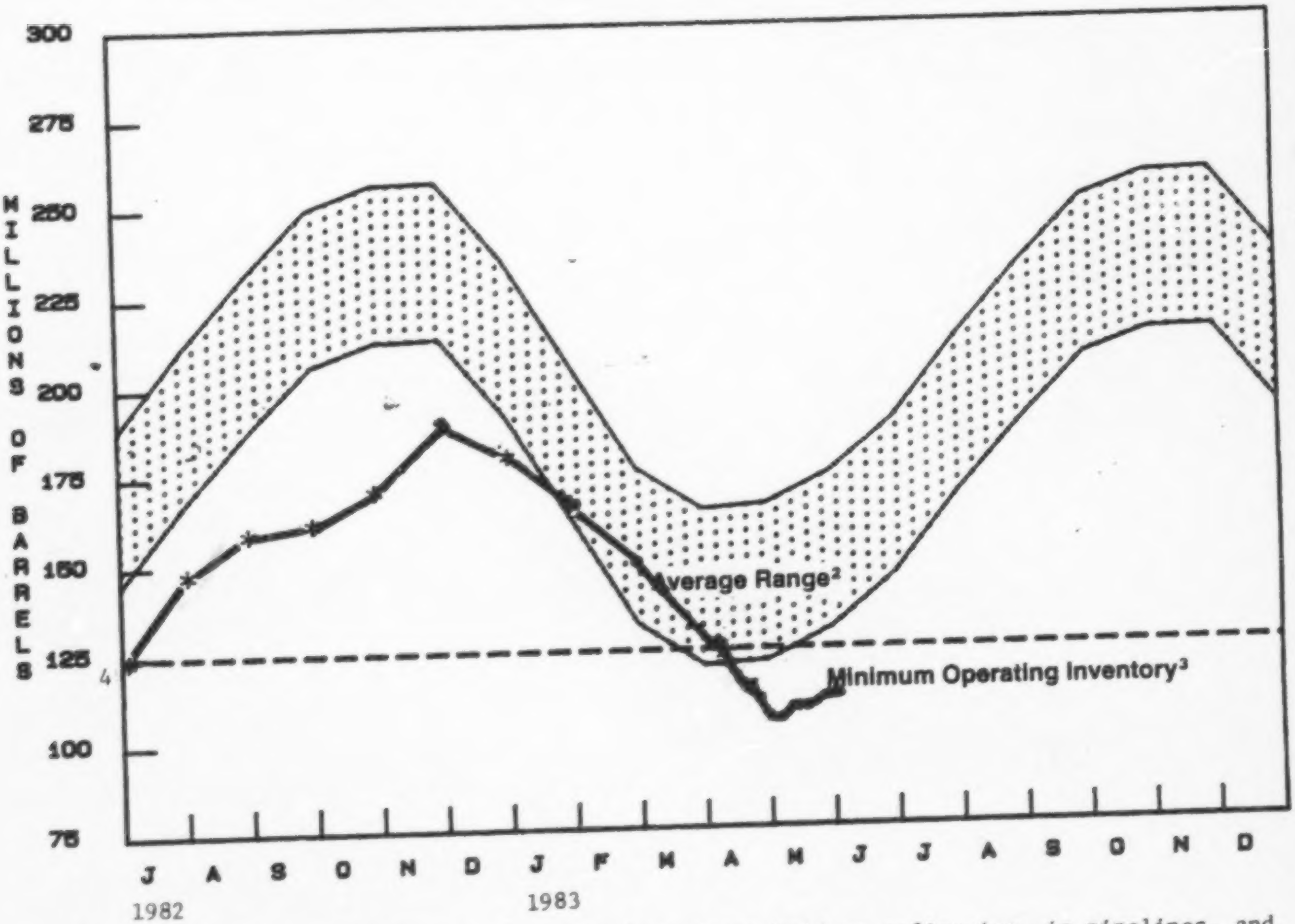
## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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6/20/83
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**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JUNE* 10, 1983 **NO.** 23

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | **Current Week Ending:** 06/10/83 | **Last Week Ending:** 06/03/83 | **Last Year Week Ending.** 06/11/82 | **Change From Last Week** | **Change From Last Year** |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,246 | 12,328 | 12,751 | - 82 | - 505 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 72.7 | 73.1 | 72.9 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,604 | 6,287 | 6,647 | + 317 | - 43 |
| Finished leaded motor gasoline production | 2,933 | 2,888 | N/A | + 45 | N/A |
| Finished unleaded motor gasoline production | 3,671 | 3,399 | N/A | + 272 | N/A |
| Total motor gasoline stocks | 225,427 | 225,670 | 215,230 | - 243 | + 10,197 |
| Finished leaded motor gasoline stocks | 93,441 | 93,662 | N/A | - 221 | N/A |
| Finished unleaded motor gasoline stocks | 94,077 | 93,559 | 85,036 | + 518 | + 9,041 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,580 | 2,416 | 2,613 | + 164 | - 33 |
| Distillate fuel oil stocks | 114,597 | 111,866 | 115,705 | + 2,731 | - 1,108 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 826 | 912 | 1,059 | - 86 | - 233 |
| Residual fuel oil stocks | 46,942 | 47,576 | 57,299 | - 634 | - 10,357 |
| Imports | | | | | |
| Crude oil imports | 3,116 | 2,926 | 3,364 | + 190 | - 248 |
| Product imports | 1,245 | 1,301 | 1,439 | - 56 | - 194 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 350,950 | 349,094 | 356,055 | + 1,856 | - 5,105 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JUNE* 10, 1983 **NO.** 23

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,236 | 1,021 | 1,057 | 1,569 | 67.4 |
| Appal. No. 1 | 95 | 93 | 93 | 98 | 94.9 |
| **DISTRICT 1 TOTAL** | 1,331 | 1,114 | 1,150 | 1,667 | 69.0 |
| Appal. No. 2 | 57 | 53 | 55 | 66 | 83.3 |
| Ind., Ill., Ky. | 2,031 | 1,770 | 1,802 | 2,399 | 75.1 |
| Minn., Wis., Daks. | 278 | 267 | 275 | 293 | 93.9 |
| Okla., Kans., Mo. | 733 | 613 | 634 | 858 | 73.9 |
| **DISTRICT 2 TOTAL** | 3,099 | 2,703 | 2,766 | 3,616 | 76.5 |
| Inland Texas | 555 | 490 | 510 | 592 | 86.1 |
| Texas Gulf Coast | 3,159 | 2,833 | 2,915 | 4,164 | 70.0 |
| La. Gulf Coast | 2,067● | 1,921● | 1,970● | 2,748 | 71.7● |
| N. La. and Ark. | 182 | 159 | 182 | 314 | 58.0 |
| New Mexico | 99 | 82 | 82 | 117 | 70.1 |
| **DISTRICT 3 TOTAL** | 6,062● | 5,485● | 5,659● | 7,935 | 71.3● |
| **DISTRICT 4 TOTAL** | 409 | 396 | 409 | 553 | 74.0 |
| **DISTRICT 5 TOTAL** | 2,312● | 2,206 | 2,262 | 3,083 | 73.4 |
| **TOTAL U.S.** | 13,213 | 11,904 | 12,246 | 16,854 | 72.7 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *JUN*. 3, 1983 | 13,368● | 11,919● | 12,328● | 16,854 | 73.1● |
| *JUN*. 11, 1982 | 13,518 | 12,253 | 12,751 | 17,492 | 72.9 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *JUN*. 10, 1983 | 10,901 | 9,698 | 9,984 | 13,771 | 72.5 |
| *JUN*. 3, 1983 | 11,039● | 9,707● | 10,030● | 13,771 | 72.8● |
| *JUN*. 11, 1982 | 11,462 | 10,226 | 10,663 | 14,408 | 74.0 |

● *SEE REVISIONS ON PAGE* 8.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JUNE* 10, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 575 | 232 | 343 | 15 | 33 | 267 | 108 |
| Appal. No. 1 | 37 | 20 | 17 | [illegible] | -- | 26 | 5 |
| **DISTRICT 1 TOTAL** | 612 | 252 | 360 | 19 | 33 | 293 | 113 |
| Appal. No. 2 | 29 | 14 | 15 | 1 | 2 | 11 | 2 |
| Ind., Ill., Ky. | 1,202 | 521 | 681 | 10 | 97 | 325 | 44 |
| Minn., Wis., Daks. | 138 | 76 | 62 | 2 | 7 | 66 | 8 |
| Okla., Kans., Mo. | 467 | 286 | 181 | 10 | 26 | 164 | 7 |
| **DISTRICT 2 TOTAL** | 1,836 | 897 | 939 | 23 | 132 | 566 | 61 |
| Inland Texas | 275 | 143 | 132 | 26 | 25 | 117 | 20 |
| Texas Gulf Coast | 1,626 | 614 | 1,012 | 64 | 152 | 677 | 203 |
| La. Gulf Coast | 914● | 407● | 507● | 12 | 203 | 354● | 125 |
| N. La. and Ark. | 51 | 28 | 23 | 6 | -- | 50 | 10 |
| New Mexico | 39 | 20 | 19 | 21 | 1 | 25 | 2 |
| **DISTRICT 3 TOTAL** | 2,905● | 1,212● | 1,693● | 129 | 381 | 1,223● | 360 |
| **DISTRICT 4 TOTAL** | 223 | 133 | 90 | 15 | 18 | 114 | 9 |
| **DISTRICT 5 TOTAL** | 1,028 | 439 | 589 | 56 | 220 | 384 | 283 |
| **TOTAL U.S.** | 6,604 | 2,933 | 3,671 | 242 | 784 | 2,580 | 826 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *JUN.* 3, 1983 | 6,287● | 2,888● | 3,399● | 263 | 832 | 2,416● | 912 |
| *JUN.* 11, 1982 | 6,647 | *N/A* | *N/A* | 171 | 783 | 2,613 | 1,059 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *JUN.* 10, 1983 | 5,576 | 2,494 | 3,082 | 186 | 564 | 2,196 | 543 |
| *JUN.* 3, 1983 | 5,349● | 2,511● | 2,838● | 196 | 602 | 2,061● | 605 |
| *JUN.* 11, 1982 | 5,669 | *N/A* | *N/A* | 133 | 588 | 2,229 | 738 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JUNE* 10, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| | | Motor Gasoline | | | Jet Fuel | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **DISTRICT** | **Total Motor Gasoline[1]** | **Finished Leaded** | **Finished Unleaded** | **Blending Components** | **Naphtha Type** | **Kerosine Type** | **Distillate Fuel Oil[2]** | **Residual Fuel Oil** | **Unfinished Oils** |
| New England | 6,299 | 3,205 | 3,093 | 1 | 145 | 823 | 5,429 | 2,062 | -- |
| Central Atlantic | 30,796 | 13,098 | 13,396 | 4,302 | 680 | 5,333 | 20,593 | 15,011 | 13,693 |
| Lower Atlantic | 29,987 | 16,487 | 13,279 | 221 | 301 | 4,297 | 13,885 | 4,085 | 578 |
| **DISTRICT 1 TOTAL** | 67,082 | 32,790 | 29,768 | 4,524 | 1,126 | 10,453 | 39,907 | 21,158 | 14,271 |
| **DISTRICT 2 TOTAL** | 63,538 | 27,206 | 27,136 | 9,196 | 1,554 | 7,787 | 28,379 | 3,579 | 18,911 |
| **DISTRICT 3 TOTAL** | 61,460 | 21,727 | 24,927 | 14,806 | 2,714 | 9,965 | 32,464 | 12,940 | 49,146 |
| **DISTRICT 4 TOTAL** | 7,680 | 3,047 | 1,821 | 2,812 | 318 | 639 | 3,198 | 503 | 2,656 |
| **DISTRICT 5 TOTAL** | 25,667 | 8,671 | 10,425 | 6,571 | 1,655 | 6,245 | 10,649 | 8,762 | 24,844 |
| **TOTAL U.S.** | 225,427 | 93,441 | 94,077 | 37,909 | 7,367 | 35,089 | 114,597 | 46,942 | 109,828 |
| **TOTAL U.S.** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *JUN.* 3, 1983 | 225,670 | 93,662 | 93,559 | 38,449 | 7,194 | 36,460 | 111,866 | 47,576 | 108,965 |
| *JUN.* 11, 1982 | 215,230 | *N/A* | 85,036 | *N/A* | 5,747 | 35,714 | 115,705 | 57,299 | 120,304 |
| **DISTRICTS 1–4** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *JUN.* 10, 1983 | 199,760 | 84,770 | 83,652 | 31,338 | 5,712 | 28,844 | 103,948 | 38,180 | 84,984 |
| *JUN.* 3, 1983 | 199,846 | 84,960 | 83,262 | 31,624 | 5,702 | 30,287 | 101,602 | 38,426 | 84,399 |
| *JUN.* 11, 1982 | 192,253 | *N/A* | 76,749 | *N/A* | 4,525 | 30,007 | 105,281 | 47,916 | 92,627 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | **API Monthly** | **Latest Dept. of Energy *JAN*. 1983** | **Total** | **From Canada** | **Crude Oil Stocks By Location[1]** |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUN*. 10, 1983 | 5,906.5 | 5,830.0 | 2,901 | 274 | 269,555 |
| *JUN*. 3, 1983 | 5,908.5● | -- | 2,425 | 199 | 270,697● |
| *MAY* 27, 1983 | 5,908.5● | -- | 2,669 | 214 | 273,331 |
| *MAY* 20, 1983 | 5,908.5● | -- | 2,822 | 232 | 274,618 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUN*. 10, 1983 | 2,745.2 | 2,830.0 | 215 | 8 | 81,395 * |
| *JUN*. 3, 1983 | 2,762.0● | -- | 501 | 7 | 78,397 |
| *MAY* 27, 1983 | 2,762.0● | -- | 263 | -- | 85,635 |
| *MAY* 20, 1983 | 2,762.0● | -- | 259 | 7 | 85,624 |
| **TOTAL U.S.** | | | | | |
| *JUN*. 10, 1983 | 8,651.7 | 8,660.0 | 3,116 | 282 | 350,950 * |
| *JUN*. 3, 1983 | 8,670.5● | -- | 2,926 | 206 | 349,094● |
| *MAY* 27, 1983 | 8,670.5● | -- | 2,932 | 214 | 358,966 |
| *MAY* 20, 1983 | 8,670.5● | -- | 3,081 | 239 | 360,242 |
| *JUN*. 11, 1982 | 8,632.1/*A* | -- | 3,364 | 203 | 356,055 |

**INCLUDES* 23,108 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/*A DOE ACTUAL FOR JUNE* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JUN*. 10, 1983 | 17,778 | 79,942 | 157,177 | 14,658 | 269,555 | 81,395 * | 350,950 * |
| *JUN*. 3, 1983 | 16,496 | 81,548● | 158,734 | 13,919 | 270,697● | 78,397 | 349,094● |
| *JUN*. 11, 1982 | 19,986 | 77,302 | 158,771 | 15,464 | 271,523 | 84,532 | 356,055 |

---

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JUNE* 10, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 84 | 3 | -- | -- | 87 |
| Central Atlantic | 114 | 51 | 63 | -- | 18 | -- | 297 | 3 | 35 | 103 | 570 |
| Lower Atlantic | -- | -- | -- | -- | -- | 55 | -- | -- | -- | 21 | 76 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *JUN.* 10, 1983 | 114 | 51 | 63 | -- | 18 | 55 | 381 | 6 | 35 | 124 | 733 |
| *JUN.* 3, 1983 | 169 | 78 | 91 | -- | 12 | 55 | 438 | 11 | 193 | -- | 878 |
| *MAY* 27, 1983 | 168 | 110 | 58 | -- | 17 | 85 | 454 | 9 | 74 | 3 | 810 |
| *MAY* 20, 1983 | 116 | 60 | 56 | -- | 9 | 60 | 656 | 15 | 104 | 136 | 1,096 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *JUN.* 10, 1983 | 10 | 10 | -- | -- | -- | 5 | 42 | 148 | 161 | 61 | 427 |
| *JUN.* 3, 1983 | 7 | 7 | -- | -- | -- | 8 | 50 | 163 | 32 | 65 | 325 |
| *MAY* 27, 1983 | 13 | 13 | -- | -- | -- | 8 | 35 | 178 | 76 | 196 | 506 |
| *MAY* 20, 1983 | 15 | 15 | -- | -- | -- | -- | 55 | 157 | 38 | 26 | 291 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *JUN.* 10, 1983 | 39 | 32 | 7 | -- | 2 | 3 | 17 | 17 | -- | 7 | 85 |
| *JUN.* 3, 1983 | 44 | 36 | 8 | -- | 3 | 10 | 17 | 16 | -- | 8 | 98 |
| *MAY* 27, 1983 | 65 | 57 | 8 | -- | 3 | 4 | 17 | 14 | -- | 5 | 108 |
| *MAY* 20, 1983 | 33 | 25 | 8 | -- | 2 | 7 | 11 | 17 | -- | 9 | 79 |
| **TOTAL U.S.** | 163 | 93 | 70 | -- | 20 | 63 | 440 | 171 | 196 | 192 | 1,245 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | | | |
| *JUN.* 3, 1983 | 220 | 121 | 99 | -- | 15 | 73 | 505 | 190 | 225 | 73 | 1,301 |
| *MAY* 27, 1983 | 246 | 180 | 66 | -- | 20 | 97 | 506 | 201 | 150 | 204 | 1,424 |
| *MAY* 20, 1983 | 164 | 100 | 64 | -- | 11 | 67 | 722 | 189 | 142 | 171 | 1,466 |
| *JUN.* 11, 1982 | 239 | *N/A* | 63 | -- | 13 | 82 | 600 | 90 | 337 | 78 | 1,439 |

---

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | May 1983 | April 1983 | Jan. 1983 |
| Florida | 64.0 | 65.0 | 61.0 |
| New York-Pennsylvania | 12.0 | 12.0 | 14.0 |
| Virginia | – | – | – |
| West Virginia | 9.5 | 9.5 | 9.0 |
| Illinois | 83.0 | 83.0 | 77.0 |
| Indiana | 13.0 | 13.0 | 13.0 |
| Kansas | 198.5 | 197.0 | 203.0 |
| Kentucky | 23.0 | 18.5 | 23.0 |
| Michigan | 89.0 | 85.0 | 94.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 4.0 |
| Nebraska | 18.5 | 18.5 | 18.0 |
| Ohio | 40.0 | 37.0 | 40.0 |
| Oklahoma | 435.0 | 430.0 | 414.0 |
| North Dakota | 141.5 | 140.0 | 140.0 |
| South Dakota | 3.0 | 3.0 | 3.0 |
| Alabama | 55.0 | 55.0 | 56.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 86.0 | 87.0 | 84.0 |
| New Mexico-So. East | 187.0 | 191.0 | 183.0 |
| New Mexico-Other | 14.5 | 15.0 | 18.0 |
| North Louisiana | 95.0 | 95.0 | 94.0 |
| South Louisiana | 1,202.0 | 1,200.0 | 1,174.0 |
| Total Louisiana | 1,297.0 | 1,295.0 | 1,268.0 |
| Texas | | | |
| District 1 | 68.0 | 68.0 | 67.0 |
| District 2 | 110.0 | 110.0 | 109.0 |
| District 3 | 370.0 | 370.0 | 367.0 |
| District 4 | 80.0 | 75.0 | 79.0 |
| District 5 | 22.0 | 21.0 | 23.0 |
| District 6, East Texas Field | 143.0 | 142.0 | 142.0 |
| Other | 114.0 | 114.0 | 115.0 |
| District 7-B | 93.0 | 96.0 | 90.0 |
| District 7-C | 104.0 | 101.0 | 95.0 |
| District 8 and 8-A | 1,260.0 | 1,268.0 | 1,252.0 |
| District 9 | 106.0 | 104.0 | 103.0 |
| District 10 | 60.0 | 54.0 | 60.0 |
| Total Texas | 2,530.0 | 2,523.0 | 2,502.0 |
| Colorado | 82.0 | 82.0 | 84.0 |
| Montana | 84.0 | 84.0 | 85.0 |
| Utah | 64.0 | 65.0 | 64.0 |
| Wyoming | 323.0 | 329.0 | 321.0 |
| Total Dists. 1-4 | 5,908.5 | 5,893.5 | 5,830.0 |
| Alaska | 1,657.0 | 1,715.5 | 1,732.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,102.0 | 1,100.0 | 1,095.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,762.0 | 2,818.5 | 2,830.0 |
| Total U.S. | 8,670.5 | 8,712.0 | 8,660.0 |

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 6/03/83 | PAGE 1 | TOTAL REFINERY INPUT | LA. GULF COAST | 2,020 |
| | | | DISTRICT 3 TOTAL | 6,173 |
| | | | DISTRICT 5 TOTAL | 2,329 |
| | | | TOTAL U.S. | 13,368 |
| | | | DISTRICTS 1-4 | 11,039 |
| | | CRUDE OIL RUNS | LA. GULF COAST | 1,803 |
| | | | DISTRICT 3 TOTAL | 5,515 |
| | | | TOTAL U.S. | 11,919 |
| | | | DISTRICTS 1-4 | 9,707 |
| | | INPUT TO CRUDE OIL | LA. GULF COAST | 1,850 |
| | | | DISTRICT 3 TOTAL | 5,710 |
| | | | TOTAL U.S. | 12,328 |
| | | | DISTRICTS 1-4 | 10,030 |
| | | o/o OPERATED | LA. GULF COAST | 67.3 |
| | | | DISTRICT 3 TOTAL | 72.0 |
| | | | TOTAL U.S. | 73.1 |
| | | | DISTRICTS 1-4 | 72.8 |
| | PAGE 2 | TOTAL MGAS | LA. GULF COAST | 922 |
| | | | DISTRICT 3 TOTAL | 2,812 |
| | | | TOTAL U.S. | 6,287 |
| | | | DISTRICTS 1-4 | 5,349 |
| | | LEADED MGAS | LA. GULF COAST | 388 |
| | | | DISTRICT 3 TOTAL | 1,234 |
| | | | TOTAL U.S. | 2,888 |
| | | | DISTRICTS 1-4 | 2,511 |
| | | UNLEADED MGAS | LA. GULF COAST | 534 |
| | | | DISTRICT 3 TOTAL | 1,578 |
| | | | TOTAL U.S. | 3,399 |
| | | | DISTRICTS 1-4 | 2,838 |
| | | DISTILLATE FUEL | LA. GULF COAST | 329 |
| | | | DISTRICT 3 TOTAL | 1,162 |
| | | | TOTAL U.S. | 2,416 |
| | | | DISTRICTS 1-4 | 2,061 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 270,697 |
| | | | TOTAL U.S. | 349,094 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 2 | 81,548 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 270,697 |

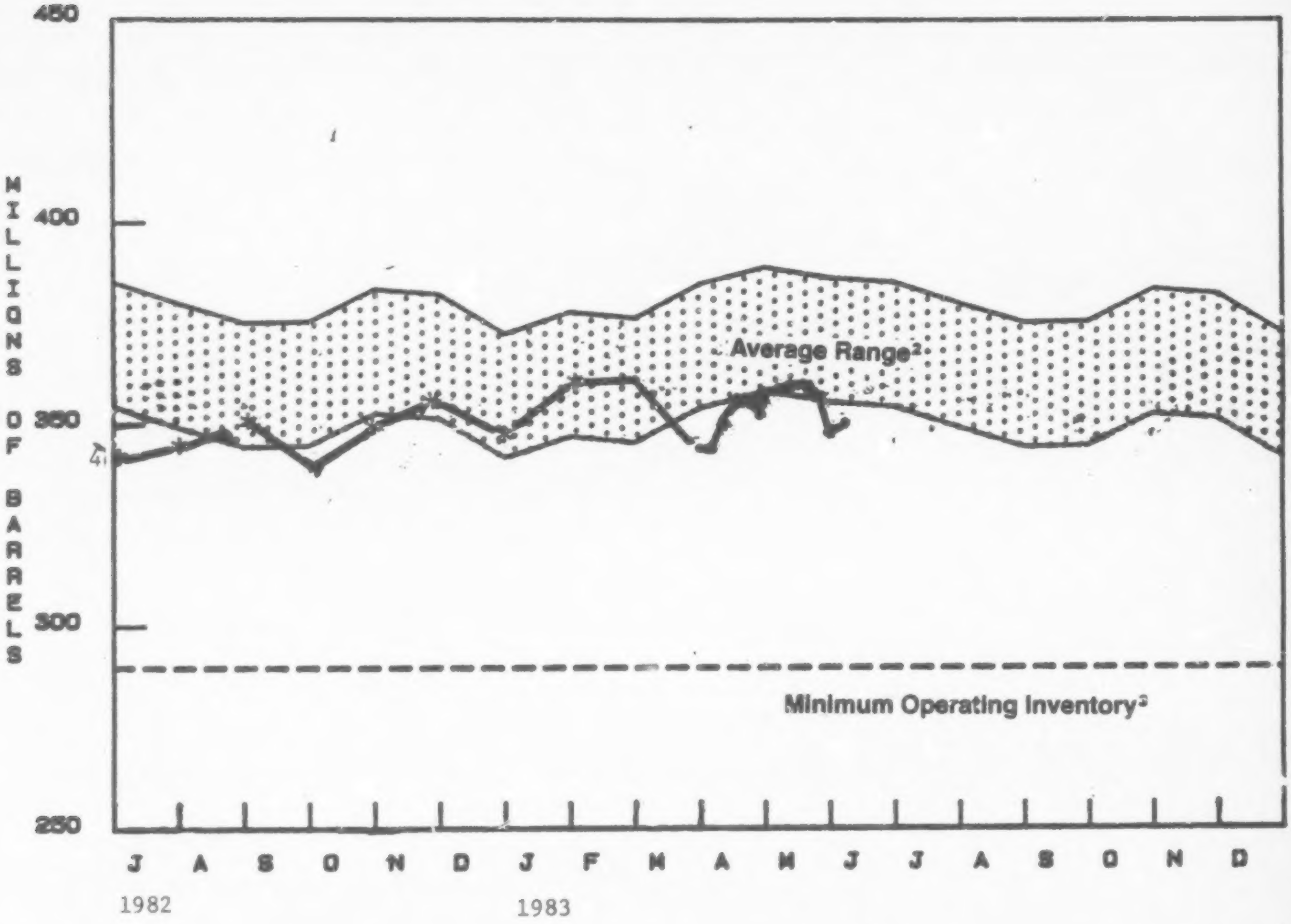
REVISIONS

| | | |
|---|---|---|
| TOTAL | TOTAL U.S. | 349,094 |

BEST AVAILABLE

Week Ended June 10, 1983

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

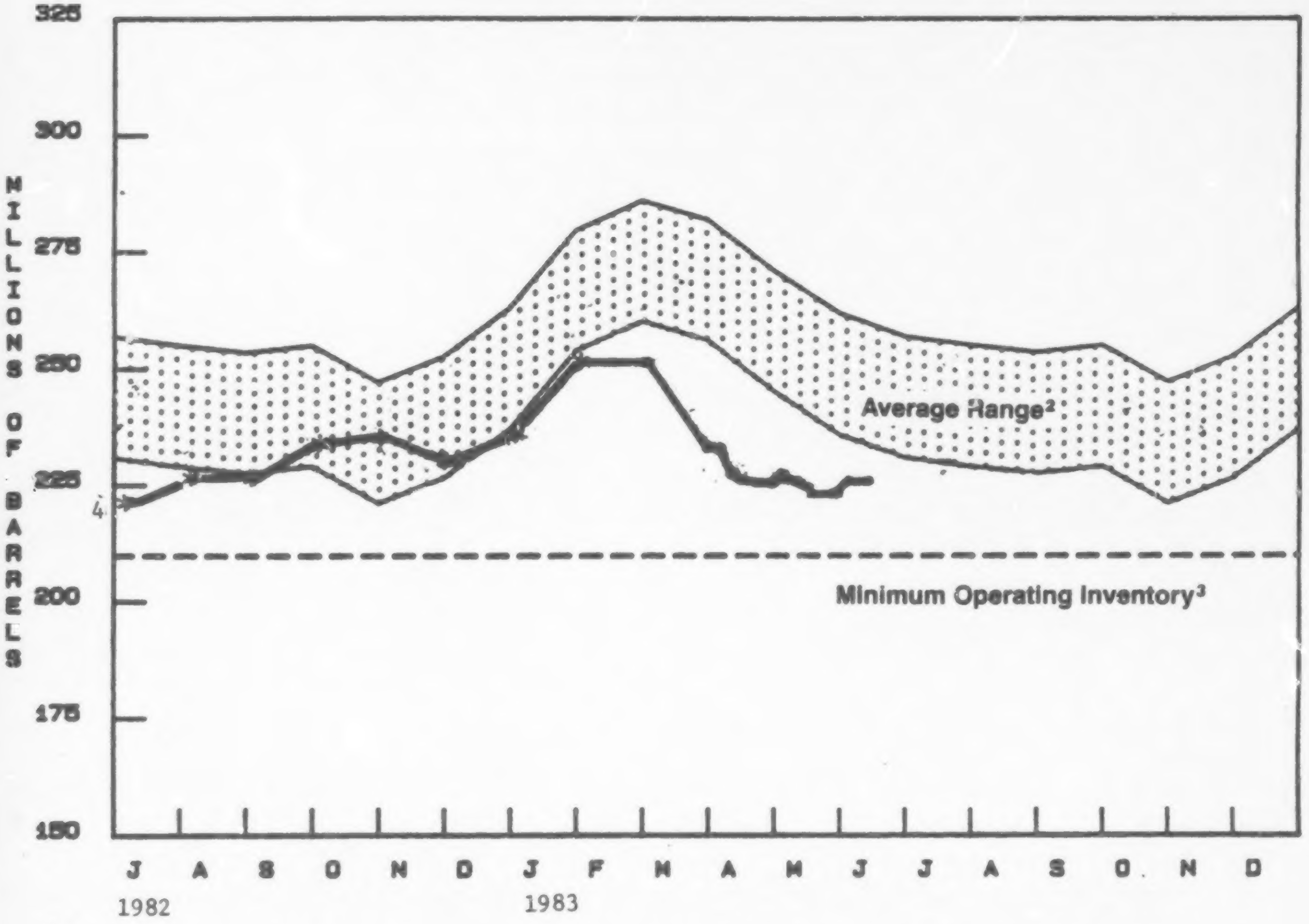
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

COPY

# Motor Gasoline Stocks at Primary Level[1][5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

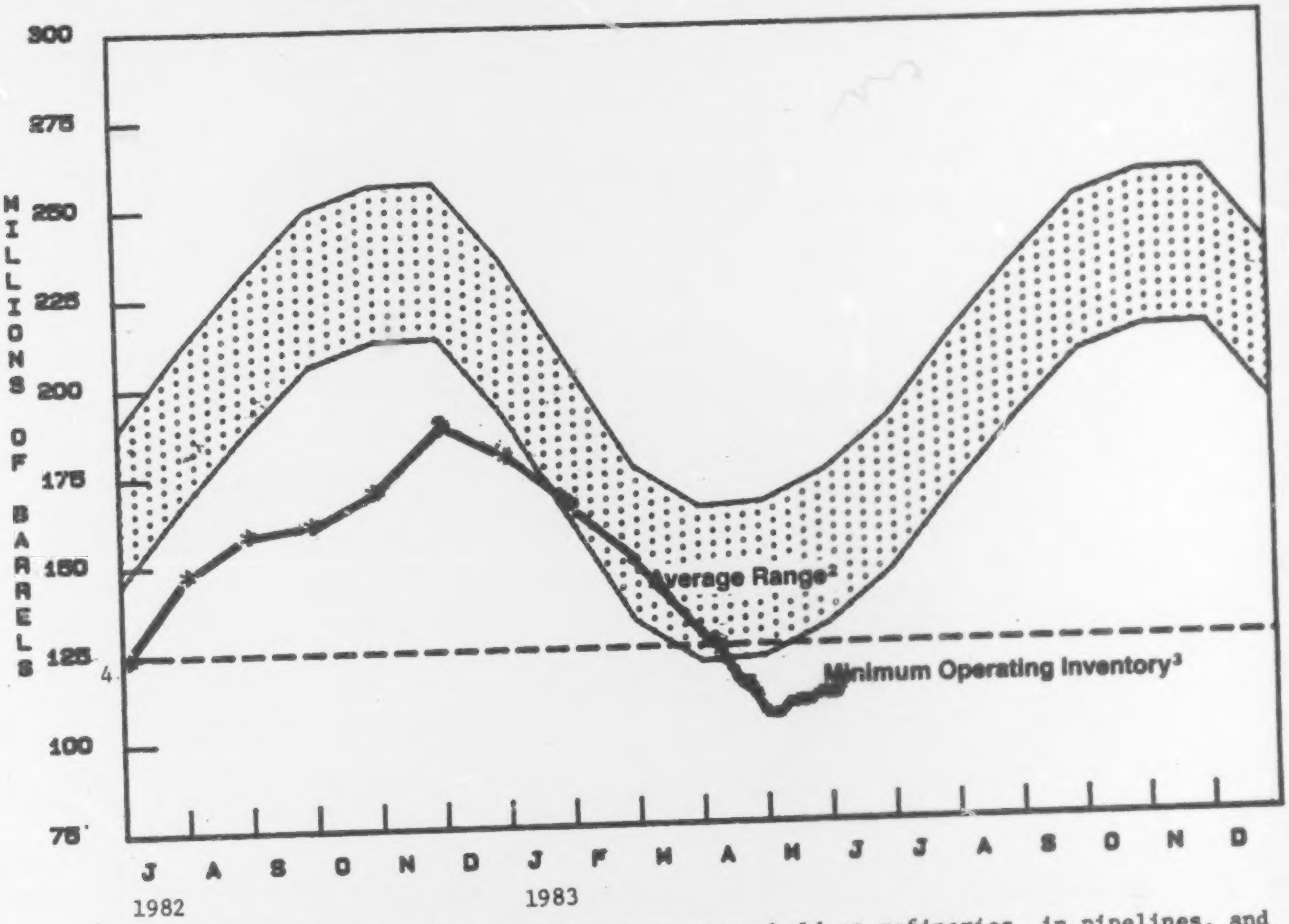
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level,, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

6/28/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** JUNE 17, 1983 **NO.** 24

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 06/17/83 | Last Week Ending: 06/10/83 | Last Year Week Ending: 06/18/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,463 | 12,246 | 12,844 | + 217 | - 381 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 73.9 | 72.7 | 73.4 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,505 | 6,604 | 6,813 | - 99 | - 308 |
| Finished leaded motor gasoline production | 2,952 | 2,933 | N/A | + 19 | N/A |
| Finished unleaded motor gasoline production | 3,553 | 3,671 | N/A | - 118 | N/A |
| Total motor gasoline stocks | 225,188 | 225,427 | 219,188 | - 239 | + 6,000 |
| Finished leaded motor gasoline stocks | 94,106 | 93,441 | N/A | + 665 | N/A |
| Finished unleaded motor gasoline stocks | 92,904 | 94,077 | 87,624 | - 1,173 | + 5,280 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,469 | 2,580 | 2,641 | - 111 | - 172 |
| Distillate fuel oil stocks | 113,913 | 114,507 | 118,112 | - 594 | - 4,199 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 852 | 826 | 1,028 | + 26 | - 176 |
| Residual fuel oil stocks | 46,752 | 46,942 | 56,929 | - 190 | - 10,177 |
| Imports | | | | | |
| Crude oil imports | 2,985 | 3,116 | 4,116 | - 131 | - 1,131 |
| Product imports | 1,099 | 1,245 | 1,396 | - 146 | - 297 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 349,083 | 350,950 | 355,809 | - 1,867 | - 6,726 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JUNE* 17, 1983 **NO.** 24

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,154 | 1,004 | 1,042 | 1,569 | 66.4 |
| Appal. No. 1 | 92 | 90 | 91 | 98 | 92.9 |
| **DISTRICT 1 TOTAL** | 1,246 | 1,094 | 1,133 | 1,667 | 68.0 |
| Appal. No. 2 | 54 | 54 | 56 | 66 | 84.8 |
| Ind., Ill., Ky. | 2,003● | 1,813 | 1,846 | 2,399 | 76.9 |
| Minn., Wis., Daks. | 280 | 267 | 275 | 293 | 93.9 |
| Okla., Kans., Mo. | 629 | 559 | 580 | 858 | 67.6 |
| **DISTRICT 2 TOTAL** | 2,966● | 2,693 | 2,757 | 3,616 | 76.2 |
| Inland Texas | 548 | 499 | 521 | 592 | 88.0 |
| Texas Gulf Coast | 3,165 | 2,917 | 3,014 | 4,164 | 72.4 |
| La. Gulf Coast | 2,079 | 1,935 | 1,982 | 2,748 | 72.1 |
| N. La. and Ark. | 181 | 177 | 200 | 314 | 63.7 |
| New Mexico | 99 | 82 | 82 | 117 | 70.1 |
| **DISTRICT 3 TOTAL** | 6,072 | 5,610 | 5,799 | 7,935 | 73.1 |
| **DISTRICT 4 TOTAL** | 412 | 435 | 450 | 553 | 81.4 |
| **DISTRICT 5 TOTAL** | 2,383 | 2,283 | 2,324 | 3,083 | 75.4 |
| **TOTAL U.S.** | 13,079 | 12,115 | 12,463 | 16,854 | 73.9 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *JUN*. 10, 1983 | 13,228● | 11,904 | 12,246 | 16,854 | 72.7 |
| *JUN*. 18, 1982 | 13,552 | 12,513 | 12,844 | 17,492 | 73.4 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *JUN*. 17, 1983 | 10,696 | 9,832 | 10,139 | 13,771 | 73.6 |
| *JUN*. 10, 1983 | 10,916● | 9,698 | 9,984 | 13,771 | 72.5 |
| *JUN*. 18, 1982 | 11,451 | 10,428 | 10,730 | 14,408 | 74.5 |

● *SEE REVISIONS ON PAGE 7.*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JUNE* 17, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 619 | 223 | 396 | 15 | 42 | 240 | 88 |
| Appal. No. 1 | 37 | 20 | 17 | 1 | -- | 30 | 4 |
| **DISTRICT 1 TOTAL** | 656 | 243 | 413 | 16 | 42 | 270 | 92 |
| Appal. No. 2 | 33 | 16 | 17 | 1 | 2 | 12 | 3 |
| Ind., Ill., Ky. | 1,138 | 505 | 633 | 11 | 99 | 337 | 53 |
| Minn., Wis., Daks. | 143 | 83 | 60 | 3 | 6 | 71 | 9 |
| Okla., Kans., Mo. | 444 | 255 | 189 | 7 | 15 | 149 | 11 |
| **DISTRICT 2 TOTAL** | 1,758 | 859 | 899 | 22 | 122 | 569 | 76 |
| Inland Texas | 298 | 164 | 134 | 27 | 42 | 100 | 21 |
| Texas Gulf Coast | 1,461 | 625 | 836 | 62 | 165 | 619 | 222 |
| La. Gulf Coast | 941 | 392 | 549 | 18 | 235 | 342 | 131 |
| N. La. and Ark. | 54 | 28 | 26 | 7 | -- | 51 | 13 |
| New Mexico | 38 | 19 | 19 | 20 | 1 | 25 | 2 |
| **DISTRICT 3 TOTAL** | 2,792 | 1,228 | 1,564 | 134 | 443 | 1,137 | 389 |
| **DISTRICT 4 TOTAL** | 254 | 154 | 100 | 7 | 21 | 106 | 9 |
| **DISTRICT 5 TOTAL** | 1,045 | 468 | 577 | 56 | 220 | 387 | 286 |
| **TOTAL U.S.** | 6,505 | 2,952 | 3,553 | 235 | 848 | 2,469 | 852 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *JUN*. 10, 1983 | 6,604 | 2,933 | 3,671 | 242 | 784 | 2,580 | 826 |
| *JUN*. 18, 1982 | 6,813 | *N/A* | *N/A* | 185 | 736 | 2,641 | 1,028 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| *JUN*. 17, 1983 | 5,460 | 2,484 | 2,976 | 179 | 628 | 2,082 | 566 |
| *JUN*. 10, 1983 | 5,576 | 2,494 | 3,082 | 186 | 564 | 2,196 | 543 |
| *JUN*. 18, 1982 | 5,786 | *N/A* | *N/A* | 146 | 557 | 2,269 | 710 |

---

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,860 | 2,822 | 3,037 | 1 | 129 | 793 | 5,266 | 2,089 | -- |
| Central Atlantic | 29,511 | 12,362 | 12,424 | 4,725 | 697 | 5,115 | 21,762 | 15,886 | 13,233 |
| Lower Atlantic | 29,790 | 16,051 | 13,460 | 279 | 279 | 4,020 | 13,354 | 3,756 | 556 |
| **DISTRICT 1 TOTAL** | 65,161 | 31,235 | 28,921 | 5,005 | 1,105 | 9,928 | 40,382 | 21,731 | 13,789 |
| **DISTRICT 2 TOTAL** | 64,477 | 27,864 | 28,093 | 8,520 | 1,599 | 7,867 | 29,324● | 3,756 | 18,037 |
| **DISTRICT 3 TOTAL** | 62,126 | 23,472 | 23,400 | 15,254 | 2,921 | 11,066 | 30,680 | 12,840 | 48,766 |
| **DISTRICT 4 TOTAL** | 7,690 | 3,318 | 1,911 | 2,461 | 302 | 697 | 2,822 | 544 | 2,659 |
| **DISTRICT 5 TOTAL** | 25,734 | 8,217 | 10,579 | 6,938 | 1,649 | 6,562 | 10,705 | 7,881 | 25,291 |
| **TOTAL U.S.** | 225,188 | 94,106 | 92,904 | 38,178 | 7,576 | 36,120 | 113,913 | 46,752 | 108,542 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *JUN*. 10, 1983 | 225,427 | 93,441 | 94,077 | 37,909 | 7,367 | 35,089 | 114,507● | 46,942 | 109,828 |
| *JUN*. 18, 1982 | 219,188 | *N/A* | 87,624 | *N/A* | 5,702 | 35,421 | 118,112 | 56,929 | 119,981 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | | | | | |
| *JUN*. 17, 1983 | 199,454 | 85,889 | 82,325 | 31,240 | 5,927 | 29,558 | 103,208 | 38,871 | 83,251 |
| *JUN*. 10, 1983 | 199,760 | 84,770 | 83,652 | 31,338 | 5,712 | 28,844 | 103,858● | 38,180 | 84,984 |
| *JUN*. 18, 1982 | 195,719 | *N/A* | 78,923 | *N/A* | 4,476 | 30,066 | 106,942 | 47,638 | 92,562 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *JAN.* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUN.* 17, 1983 | 5,906.5 | 5,830.0 | 2,671 | 262 | 266,949 |
| *JUN.* 10, 1983 | 5,906.5 | -- | 2,901 | 274 | 269,555 |
| *JUN.* 3, 1983 | 5,908.5 | -- | 2,425 | 199 | 270,697 |
| *MAY* 27, 1983 | 5,908.5 | -- | 2,669 | 214 | 273,331 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUN.* 17, 1983 | 2,745.2 | 2,830.0 | 314 | -- | 82,134 * |
| *JUN.* 10, 1983 | 2,745.2 | -- | 215 | 8 | 81,395 |
| *JUN.* 3, 1983 | 2,762.0 | -- | 501 | 7 | 78,397 |
| *MAY* 27, 1983 | 2,762.0 | -- | 263 | -- | 85,635 |
| **TOTAL U.S.** | | | | | |
| *JUN.* 17, 1983 | 8,651.7 | 8,660.0 | 2,985 | 262 | 349,083 * |
| *JUN.* 10, 1983 | 8,651.7 | -- | 3,116 | 282 | 350,950 |
| *JUN.* 3, 1983 | 8,670.5 | -- | 2,926 | 206 | 349,094 |
| *MAY* 27, 1983 | 8,670.5 | -- | 2,932 | 214 | 358,966 |
| *JUN.* 18, 1982 | 8,632.1/A | -- | 4,116 | 179 | 355,809 |

**INCLUDES* 22,992 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR JUNE* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JUN.* 17, 1983 | 17,169 | 79,058 | 156,206 | 14,516 | 266,949 | 82,134 * | 349,083 * |
| *JUN.* 10, 1983 | 17,778 | 79,942 | 157,177 | 14,658 | 269,555 | 81,395 | 350,950 |
| *JUN.* 18, 1982 | 19,547 | 76,007 | 156,513 | 15,405 | 267,472 | 88,337 | 355,809 |

[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JUNE* 17, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 41 | -- | -- | -- | 41 |
| Central Atlantic | 113 | 52 | 61 | -- | 12 | 56 | 253 | 6 | 38 | -- | 478 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 121 | -- | -- | -- | 121 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *JUN*. 17, 1983 | 113 | 52 | 61 | -- | 12 | 56 | 415 | 6 | 38 | -- | 640 |
| *JUN*. 10, 1983 | 114 | 51 | 63 | -- | 18 | 55 | 381 | 6 | 35 | 124 | 733 |
| *JUN*. 3, 1983 | 169 | 78 | 91 | -- | 12 | 55 | 438 | 11 | 193 | -- | 878 |
| *MAY* 27, 1983 | 168 | 110 | 58 | -- | 17 | 85 | 454 | 9 | 74 | 3 | 810 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *JUN*. 17, 1983 | 21 | 21 | -- | -- | -- | 4 | 47 | 146 | 90 | 75 | 383 |
| *JUN*. 10, 1983 | 10 | 10 | -- | -- | -- | 5 | 42 | 148 | 161 | 61 | 427 |
| *JUN*. 3, 1983 | 7 | 7 | -- | -- | -- | 8 | 50 | 163 | 32 | 65 | 325 |
| *MAY* 27, 1983 | 13 | 13 | -- | -- | -- | 8 | 35 | 178 | 76 | 196 | 506 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *JUN*. 17, 1983 | 37 | 30 | 7 | -- | -- | 4 | 16 | 14 | -- | 5 | 76 |
| *JUN*. 10, 1983 | 39 | 32 | 7 | -- | 2 | 3 | 17 | 17 | -- | 7 | 85 |
| *JUN*. 3, 1983 | 44 | 36 | 8 | -- | 3 | 10 | 17 | 16 | -- | 8 | 98 |
| *MAY* 27, 1983 | 65 | 57 | 8 | -- | 3 | 4 | 17 | 14 | -- | 5 | 108 |
| **TOTAL U.S.** | 171 | 103 | 68 | -- | 12 | 64 | 478 | 166 | 128 | 80 | 1,099 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *JUN*. 10, 1983 | 163 | 93 | 70 | -- | 20 | 63 | 440 | 171 | 196 | 192 | 1,245 |
| *JUN*. 3, 1983 | 220 | 121 | 99 | -- | 15 | 73 | 505 | 190 | 225 | 73 | 1,301 |
| *MAY* 27, 1983 | 246 | 180 | 66 | -- | 20 | 97 | 506 | 201 | 150 | 204 | 1,424 |
| *JUN*. 18, 1982 | 247 | *N/A* | 101 | -- | 14 | 82 | 657 | 124 | 239 | 33 | 1,396 |

---

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## *REVISIONS*

| | | | | |
|---|---|---|---|---|
| 6/10/83 | *PAGE* 1 | *TOTAL REFINERY INPUT* | *IND., ILL., KY.* | 2,046 |
| | | | *DISTRICT* 2 *TOTAL* | 3,114 |
| | | | *TOTAL U.S.* | 13,228 |
| | | | *DISTRICTS* 1-4 | 10,916 |
| | *PAGE* 3 | *DISTILLATE FUEL* | *DISTRICT* 2 *TOTAL* | 28,289 |
| | | | *TOTAL U.S.* | 114,507 |
| | | | *DISTRICTS* 1-4 | 103,858 |

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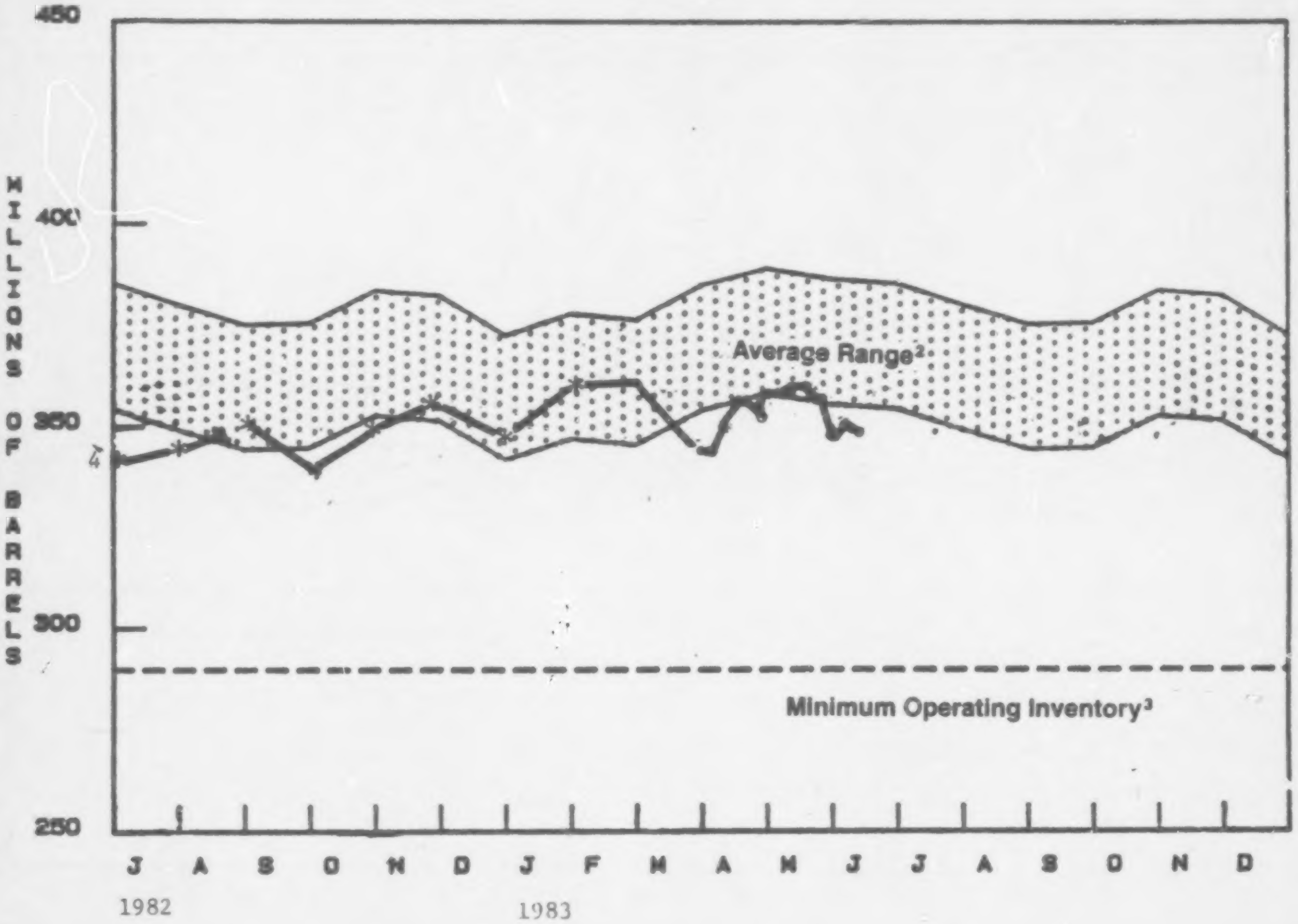
Week Ended June 17, 1983

## Crude Oil Stocks at Primary Level[1] 5



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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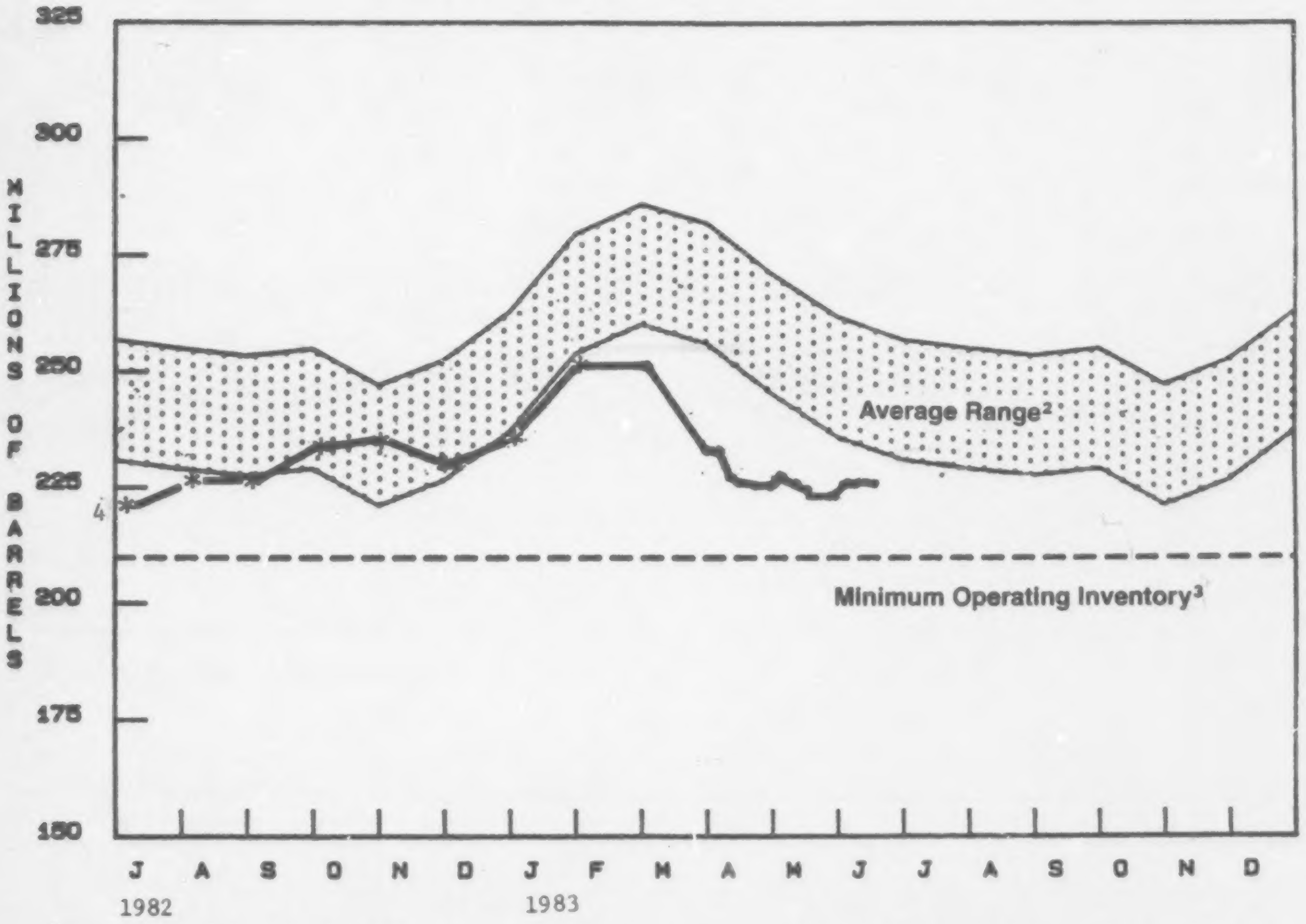
## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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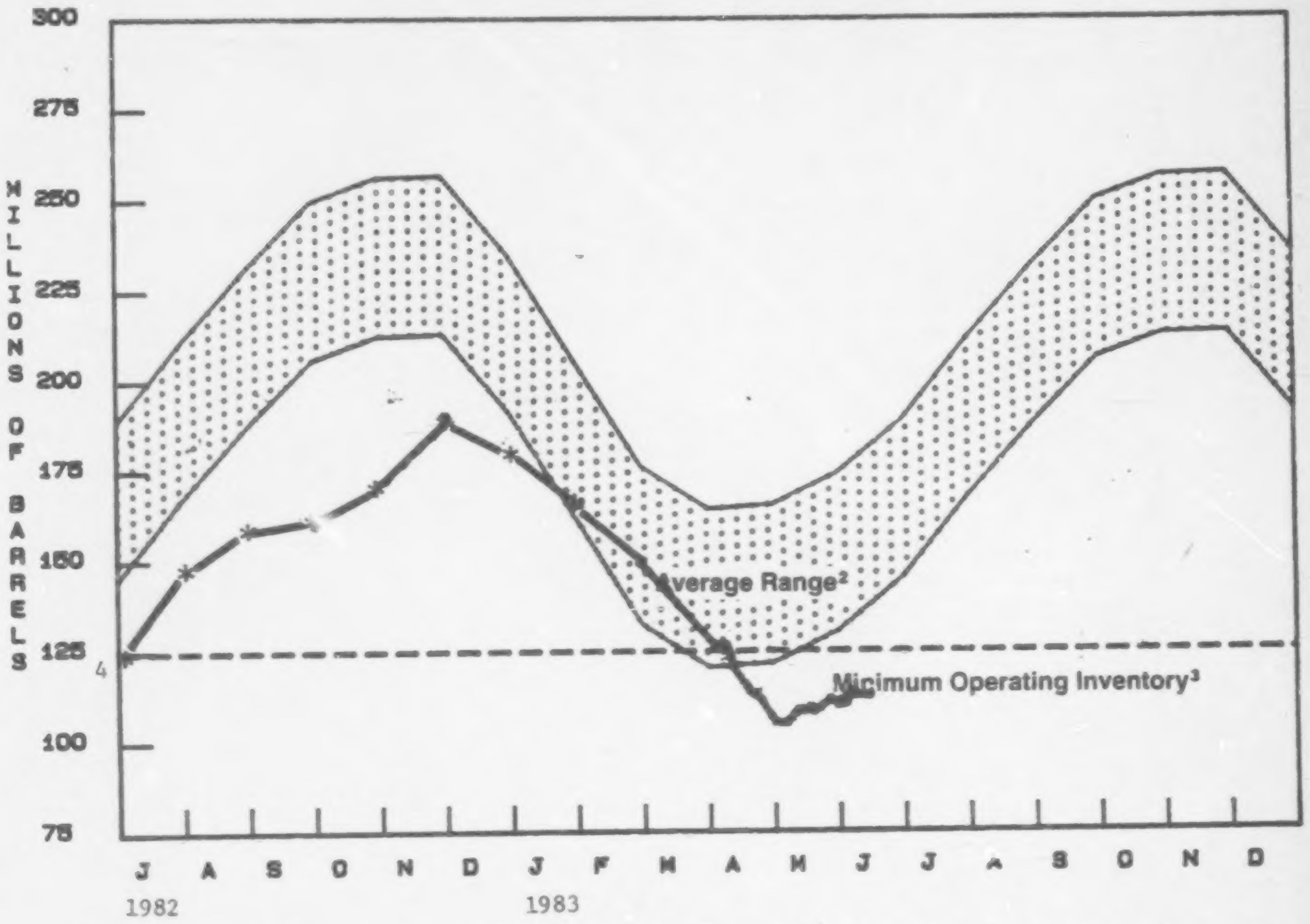
## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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7/5/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JUNE* 24, 1983 **NO.** 25

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 06/24/83 | Last Week Ending: 06/17/83 | Last Year Week Ending: 06/25/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,416 | 12,537 | 13,132 | - 121 | - 716 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 73.7 | 74.4 | 75.1 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,765 | 6,505 | 6,893 | + 260 | - 128 |
| Finished leaded motor gasoline production | 3,106 | 2,952 | *N/A* | + 154 | *N/A* |
| Finished unleaded motor gasoline production | 3,659 | 3,553 | *N/A* | + 106 | *N/A* |
| Total motor gasoline stocks | 222,054 | 225,288 | 219,106 | - 3,234 | + 2,948 |
| Finished leaded motor gasoline stocks | 93,433 | 94,206 | *N/A* | - 773 | *N/A* |
| Finished unleaded motor gasoline stocks | 89,724 | 92,904 | 87,418 | - 3,180 | + 2,306 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,563 | 2,469 | 2,943 | + 94 | - 380 |
| Distillate fuel oil stocks | 113,684 | 113,913 | 124,053 | - 229 | - 10,369 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 878 | 852 | 1,142 | + 26 | - 264 |
| Residual fuel oil stocks | 45,238 | 46,752 | 57,397 | - 1,514 | - 12,159 |
| Imports | | | | | |
| Crude oil imports | 3,376 | 2,985 | 3,978 | + 391 | - 602 |
| Product imports | 2,164 | 1,099 | 1,435 | + 1,065 | + 729 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 356,371 | 348,561 | 356,071 | + 7,810 | + 300 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** JUNE 24, 1983 **NO.** 25

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,112 | 988 | 1,021 | 1,569 | 65.1 |
| Appal. No. 1 | 91 | 89 | 90 | 98 | 91.8 |
| **DISTRICT 1 TOTAL** | 1,203 | 1,077 | 1,111 | 1,667 | 66.6 |
| Appal. No. 2 | 56 | 56 | 58 | 66 | 87.9 |
| Ind., Ill., Ky. | 2,036● | 1,895● | 1,920● | 2,399 | 80.0● |
| Minn., Wis., Daks. | 286 | 274 | 282 | 293 | 96.2 |
| Okla., Kans., Mo. | 570 | 511 | 534 | 858 | 62.2 |
| **DISTRICT 2 TOTAL** | 2,948● | 2,736● | 2,794● | 3,616 | 77.3● |
| Inland Texas | 505 | 490 | 515 | 592 | 87.0 |
| Texas Gulf Coast | 3,160 | 2,927 | 3,026 | 4,164 | 72.7 |
| La. Gulf Coast | 2,076 | 1,913 | 1,964 | 2,748 | 71.5 |
| N. La. and Ark. | 153 | 168 | 194 | 314 | 61.8 |
| New Mexico | 80 | 72 | 72 | 117 | 61.5 |
| **DISTRICT 3 TOTAL** | 5,974 | 5,570 | 5,771 | 7,935 | 72.7 |
| **DISTRICT 4 TOTAL** | 412 | 435 | 450 | 553 | 81.4 |
| **DISTRICT 5 TOTAL** | 2,302 | 2,104 | 2,290 | 3,083 | 74.3 |
| **TOTAL U.S.** | 12,839 | 11,922 | 12,416 | 16,854 | 73.7 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| JUN. 17, 1983 | 13,136● | 12,188● | 12,537● | 16,854 | 74.4● |
| JUN. 25, 1982 | 13,982 | 12,686 | 13,132 | 17,492 | 75.1 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| JUN. 24, 1983 | 10,537 | 9,818 | 10,126 | 13,771 | 73.5 |
| JUN. 17, 1983 | 10,753● | 9,905● | 10,213● | 13,771 | 74.2● |
| JUN. 25, 1982 | 11,669 | 10,612 | 10,994 | 14,408 | 76.3 |

● SEE REVISIONS ON PAGE 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JUNE 24, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 615 | 263 | 352 | 33 | 26 | 229 | 79 |
| Appal. No. 1 | 42 | 22 | 20 | 1 | -- | 31 | 4 |
| **DISTRICT 1 TOTAL** | 657 | 285 | 372 | 34 | 26 | 260 | 83 |
| Appal. No. 2 | 28 | 14 | 14 | 1 | 1 | 12 | 5 |
| Ind., Ill., Ky. | 1,264 | 600 | 664 | 18 | 103 | 362 | 59 |
| Minn., Wis., Daks. | 167 | 87 | 80 | 5 | 6 | 67 | 10 |
| Okla., Kans., Mo. | 440 | 283 | 157 | 8 | 23 | 146 | 13 |
| **DISTRICT 2 TOTAL** | 1,899 | 984 | 915 | 32 | 133 | 587 | 87 |
| Inland Texas | 283 | 134 | 149 | 25 | 28 | 116 | 22 |
| Texas Gulf Coast | 1,568 | 693 | 875 | 63 | 224 | 657 | 248 |
| La. Gulf Coast | 975 | 375 | 600 | 11 | 188 | 381 | 105 |
| N. La. and Ark. | 63 | 27 | 36 | 9 | -- | 49 | 14 |
| New Mexico | 30 | 20 | 10 | 18 | 1 | 23 | 2 |
| **DISTRICT 3 TOTAL** | 2,919 | 1,249 | 1,670 | 126 | 441 | 1,226 | 391 |
| **DISTRICT 4 TOTAL** | 243 | 151 | 92 | 13 | 21 | 113 | 11 |
| **DISTRICT 5 TOTAL** | 1,047 | 437 | 610 | 56 | 245 | 377 | 306 |
| **TOTAL U.S.** | 6,765 | 3,106 | 3,659 | 261 | 866 | 2,563 | 878 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| JUN. 17, 1983 | 6,505 | 2,952 | 3,553 | 235 | 848 | 2,469 | 852 |
| JUN. 25, 1982 | 6,893 | N/A | N/A | 186 | 808 | 2,943 | 1,142 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | | | |
| JUN. 24, 1983 | 5,718 | 2,669 | 3,049 | 205 | 621 | 2,186 | 572 |
| JUN. 17, 1983 | 5,460 | 2,484 | 2,976 | 179 | 628 | 2,082 | 566 |
| JUN. 25, 1982 | 5,886 | N/A | N/A | 142 | 607 | 2,582 | 803 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available .

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JUNE 24, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Motor Gasoline Blending Components | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| New England | 5,601 | 2,741 | 2,859 | 1 | 111 | 789 | 5,221 | 1,337 | -- |
| Central Atlantic | 29,254 | 12,413 | 12,342 | 4,499 | 662 | 5,095 | 22,988 | 15,679 | 12,736 |
| Lower Atlantic | 28,462 | 15,062 | 13,136 | 264 | 247 | 4,024 | 13,159 | 4,132 | 603 |
| **DISTRICT 1 TOTAL** | 63,317 | 30,216 | 28,337 | 4,764 | 1,020 | 9,908 | 41,368 | 21,148 | 13,339 |
| **DISTRICT 2 TOTAL** | 63,622● | 27,595● | 26,655 | 9,372 | 1,580 | 8,165 | 28,476 | 3,775 | 17,974● |
| **DISTRICT 3 TOTAL** | 62,299 | 23,731 | 23,130 | 15,438 | 3,163 | 11,365 | 30,175 | 12,403 | 49,592● |
| **DISTRICT 4 TOTAL** | 7,167 | 3,195 | 1,651 | 2,321 | 299 | 657 | 2,932 | 456 | 2,665 |
| **DISTRICT 5 TOTAL** | 25,649 | 8,696 | 9,951 | 7,002 | 1,881 | 6,330 | 10,733 | 7,456 | 25,549 |
| **TOTAL U.S.** | 222,054 | 93,433 | 89,724 | 38,897 | 7,943 | 36,425 | 113,684 | 45,238 | 109,119 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| JUN. 17, 1983 | 225,288● | 94,206● | 92,904 | 38,178 | 7,576 | 36,120 | 113,913 | 46,752 | 109,427● |
| JUN. 25, 1982 | 219,106 | N/A | 87,418 | N/A | 5,711 | 35,436 | 124,053 | 57,397 | 118,803 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| JUN. 24, 1983 | 196,405 | 84,737 | 79,773 | 31,895 | 6,062 | 30,095 | 102,951 | 37,782 | 83,570 |
| JUN. 17, 1983 | 199,554● | 85,989● | 82,325 | 31,240 | 5,927 | 29,558 | 103,208 | 38,871 | 84,136● |
| JUN. 25, 1982 | 194,743 | N/A | 78,252 | N/A | 4,410 | 29,576 | 112,957 | 48,353 | 92,788 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components

[2] Includes Grade No. 4 fuel oil.

● SEE REVISIONS ON PAGE 7.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *FEB*. 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUN*. 24, 1983 | 5,906.5 | 5,920.0 | 2,995 | 299 | 265,759 |
| *JUN*. 17, 1983 | 5,906.5 | -- | 2,671 | 262 | 266,427● |
| *JUN*. 10, 1983 | 5,906.5 | -- | 2,901 | 274 | 269,555 |
| *JUN*. 3, 1983 | 5,908.5 | -- | 2,425 | 199 | 270,697 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUN*. 24, 1983 | 2,745.2 | 2,821.0 | 381 | 7 | 90,612 * |
| *JUN*. 17, 1983 | 2,745.2 | -- | 314 | -- | 82,134 |
| *JUN*. 10, 1983 | 2,745.2 | -- | 215 | 8 | 81,395 |
| *JUN*. 3, 1983 | 2,762.0 | -- | 501 | 7 | 78,397 |

**INCLUDES* 33,207 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *JUN*. 24, 1983 | 8,651.7 | 8,741.0 | 3,376 | 306 | 356,371 * |
| *JUN*. 17, 1983 | 8,651.7 | -- | 2,985 | 262 | 348,561● |
| *JUN*. 10, 1983 | 8,651.7 | -- | 3,116 | 282 | 350,950 |
| *JUN*. 3, 1983 | 8,670.5 | -- | 2,926 | 206 | 349,094 |
| *JUN*. 25, 1982 | 8,632.1/*A* | -- | 3,978 | 203 | 356,071 |

● *SEE REVISIONS ON PAGE* 7.

/*A DOE ACTUAL FOR JUNE* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| Weeks Ended: | | | | | | | |
| *JUN*. 24, 1983 | 16,405 | 79,228 | 155,720 | 14,406 | 265,759 | 90,612 * | 356,371 * |
| *JUN*. 17, 1983 | 17,169 | 79,058 | 155,684● | 14,516 | 266,427● | 82,134 | 348,561● |
| *JUN*. 25, 1982 | 20,550 | 76,117 | 156,071 | 15,369 | 268,107 | 87,964 | 356,071 |

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[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JUNE 24, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
| New England | -- | -- | -- | -- | -- | -- | 192 | 9 | -- | -- | 201 |
| Central Atlantic | 185 | -- | 185 | -- | 55 | 111 | 413 | 10 | 71 | 102 | 947 |
| Lower Atlantic | 98 | 66 | 32 | -- | -- | 130 | 85 | -- | -- | 19 | 332 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| JUN. 24, 1983 | 283 | 66 | 217 | -- | 55 | 241 | 690 | 19 | 71 | 121 | 1,480 |
| JUN. 17, 1983 | 113 | 52 | 61 | -- | 12 | 56 | 415 | 6 | 38 | -- | 640 |
| JUN. 10, 1983 | 114 | 51 | 63 | -- | 18 | 55 | 381 | 6 | 35 | 124 | 733 |
| JUN. 3, 1983 | 169 | 78 | 91 | -- | 12 | 55 | 438 | 11 | 193 | -- | 878 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| JUN. 24, 1983 | 10 | 10 | -- | -- | -- | 42 | 15 | 79 | 288 | 48 | 482 |
| JUN. 17, 1983 | 21 | 21 | -- | -- | -- | 4 | 47 | 146 | 90 | 75 | 383 |
| JUN. 10, 1983 | 10 | 10 | -- | -- | -- | 5 | 42 | 148 | 161 | 61 | 427 |
| JUN. 3, 1983 | 7 | 7 | -- | -- | -- | 8 | 50 | 163 | 32 | 65 | 325 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| JUN. 24, 1983 | 39 | 32 | 7 | -- | -- | 7 | 17 | 19 | 58 | 62 | 202 |
| JUN. 17, 1983 | 37 | 30 | 7 | -- | -- | 4 | 16 | 14 | -- | 5 | 76 |
| JUN. 10, 1983 | 39 | 32 | 7 | -- | 2 | 3 | 17 | 17 | -- | 7 | 85 |
| JUN. 3, 1983 | 44 | 36 | 8 | -- | 3 | 10 | 17 | 16 | -- | 8 | 98 |
| **TOTAL U.S.** | 332 | 108 | 224 | -- | 55 | 290 | 722 | 117 | 417 | 231 | 2,164 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| JUN. 17, 1983 | 171 | 103 | 68 | -- | 12 | 64 | 478 | 166 | 128 | 80 | 1,099 |
| JUN. 10, 1983 | 163 | 93 | 70 | -- | 20 | 63 | 440 | 171 | 196 | 192 | 1,245 |
| JUN. 3, 1983 | 220 | 121 | 99 | -- | 15 | 73 | 505 | 190 | 225 | 73 | 1,301 |
| JUN. 25, 1982 | 246 | N/A | 70 | 2 | 18 | 75 | 724 | 181 | 162 | 25 | 1,435 |

---

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
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### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

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Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

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Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

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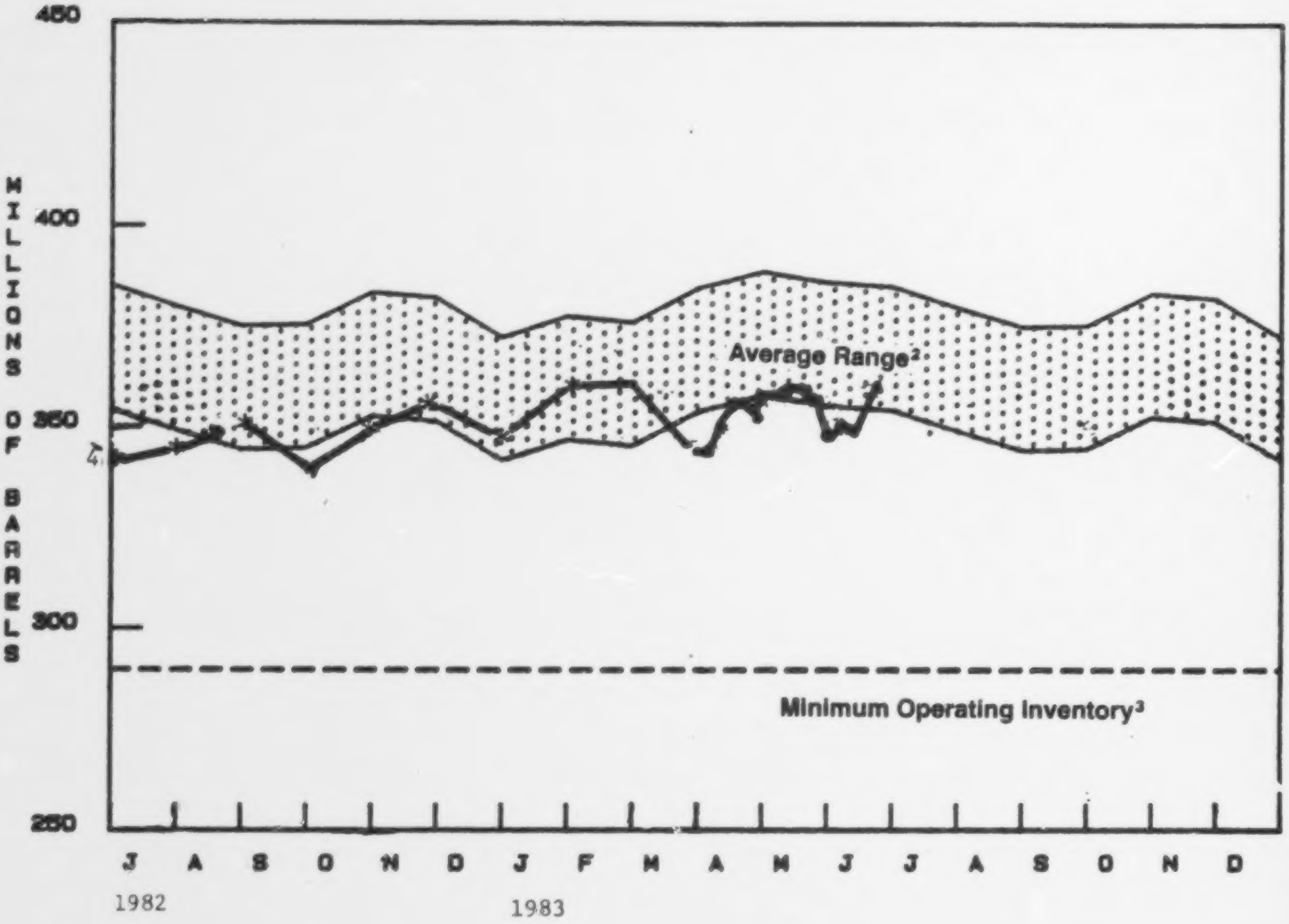
API STATISTICAL BULLETIN
WEEK ENDED: JUN. 24, 1983

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 6/17/83 | PAGE 1 | TOTAL REFINERY INPUT | IND., ILL., KY. | 2,060 |
| | | | DISTRICT 2 TOTAL | 3,023 |
| | | | TOTAL U.S. | 13,136 |
| | | | DISTRICTS 1-4 | 10,753 |
| | | CRUDE OIL RUNS | IND., ILL., KY. | 1,886 |
| | | | DISTRICT 2 TOTAL | 2,766 |
| | | | TOTAL U.S. | 12,188 |
| | | | DISTRICTS 1-4 | 9,905 |
| | | INPUT TO CRUDE OIL | IND., ILL., KY. | 1,920 |
| | | | DISTRICT 2 TOTAL | 2,831 |
| | | | TOTAL U.S. | 12,537 |
| | | | DISTRICTS 1-4 | 10,213 |
| | | o/o OPERATED | IND., ILL., KY. | 80.0 |
| | | | DISTRICT 2 TOTAL | 78.3 |
| | | | TOTAL U.S. | 74.4 |
| | | | DISTRICTS 1-4 | 74.2 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 64,577 |
| | | | TOTAL U.S. | 225,288 |
| | | | DISTRICTS 1-4 | 199,554 |
| | | LEADED MGAS | DISTRICT 2 TOTAL | 27,964 |
| | | | TOTAL U.S. | 94,206 |
| | | | DISTRICTS 1-4 | 85,989 |
| | | UNFINISHED OILS | DISTRICT 2 TOTAL | 18,400 |
| | | | DISTRICT 3 TOTAL | 49,288 |
| | | | TOTAL U.S. | 109,427 |
| | | | DISTRICTS 1-4 | 84,136 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 266,427 |
| | | | TOTAL U.S. | 348,561 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 3 | 155,684 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 266,427 |
| | | TOTAL | TOTAL U.S. | 348,561 |

Week Ended June 24, 1983

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

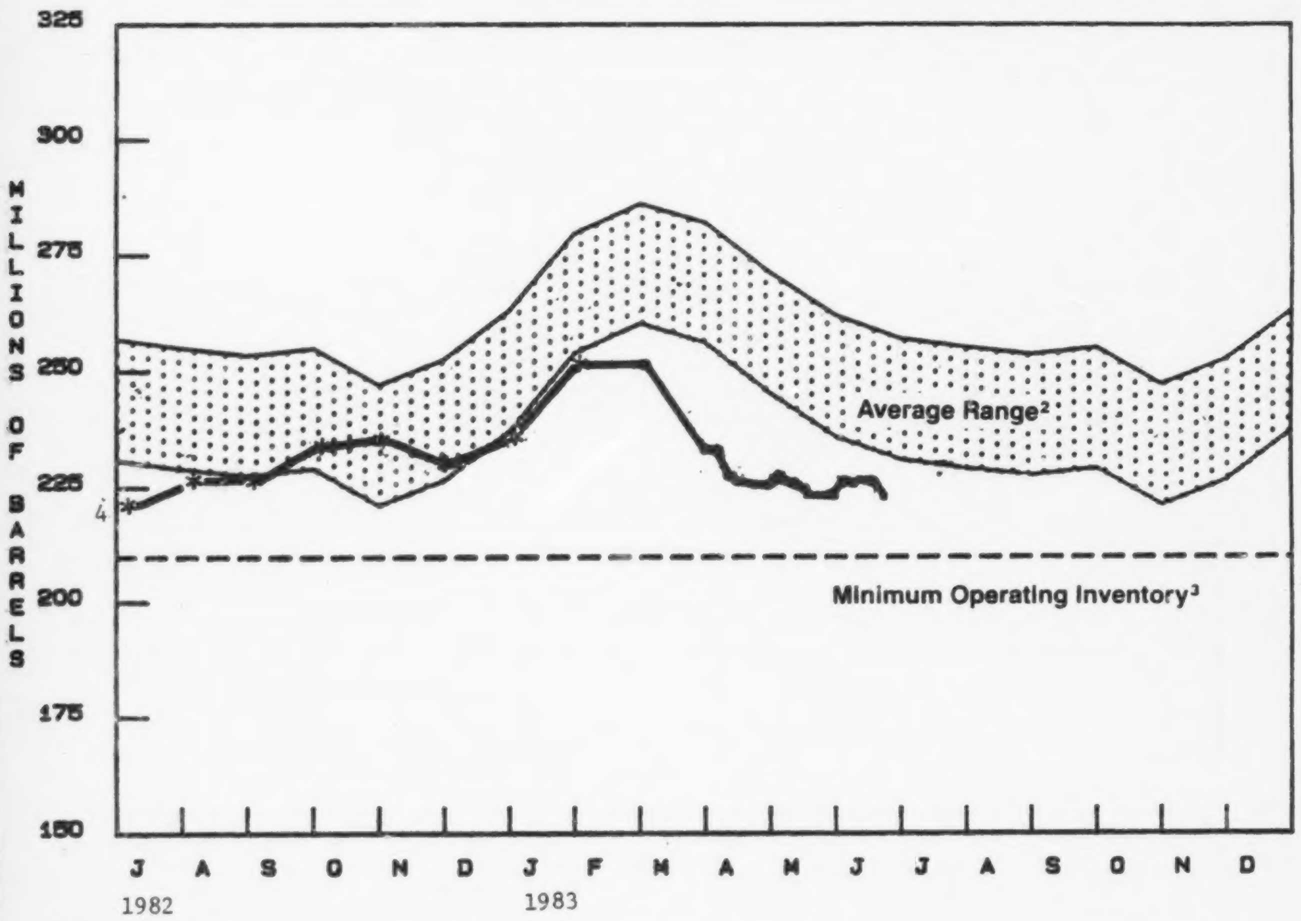
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1, 5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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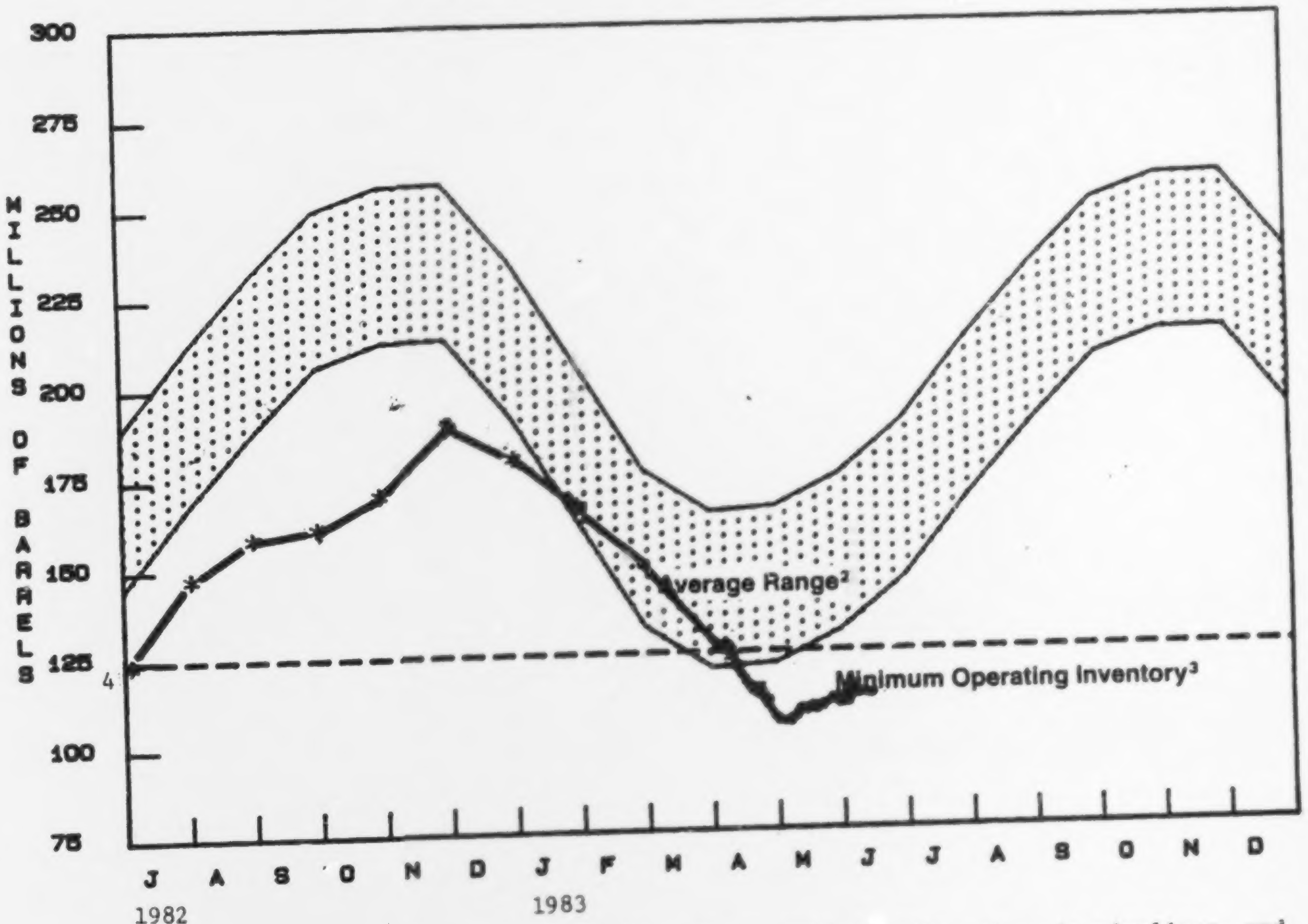
## Distillate Fuel Oil Stocks at Primary Level[1, 5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

7/12/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JULY* 1, 1983 **NO.** 26

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 07/01/83 | Last Week Ending: 06/24/83 | Last Year Week Ending: 07/02/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,461 | 12,416 | 13,059 | + 45 | - 598 |
| Operable capacity | 16,854 | 16,854 | 17,492 | 0 | - 638 |
| Percent operated | 73.9 | 73.7 | 74.7 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,670 | 6,765 | 6,924 | - 95 | - 254 |
| Finished leaded motor gasoline production | 3,201 | 3,106 | *N/A* | + 95 | *N/A* |
| Finished unleaded motor gasoline production | 3,469 | 3,659 | *N/A* | - 190 | *N/A* |
| Total motor gasoline stocks | 224,056 | 221,942 | 219,078 | + 2,114 | + 4,978 |
| Finished leaded motor gasoline stocks | 94,556 | 93,433 | *N/A* | + 1,123 | *N/A* |
| Finished unleaded motor gasoline stocks | 88,749 | 89,612 | 88,279 | - 863 | + 470 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,542 | 2,563 | 2,829 | - 21 | - 287 |
| Distillate fuel oil stocks | 114,266 | 113,684 | 125,754 | + 582 | - 11,488 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 811 | 878 | 1,106 | - 67 | - 295 |
| Residual fuel oil stocks | 47,117 | 45,728 | 58,863 | + 1,389 | - 11,746 |
| Imports | | | | | |
| Crude oil imports | 3,741 | 3,376 | 4,117 | + 365 | - 376 |
| Product imports | 1,838 | 2,164 | 1,243 | - 326 | + 595 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 350,785 | 352,129 | 351,425 | - 1,344 | - 640 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

weekly
statistical
bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JULY* 1, 1983 **NO.** 26

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,139 | 1,024 | 1,082 | 1,569 | 69.0 |
| Appal. No. 1 | 65 | 64 | 64 | 98 | 65.3 |
| **DISTRICT 1 TOTAL** | 1,204 | 1,088 | 1,146 | 1,667 | 68.7 |
| Appal. No. 2 | 55 | 55 | 55 | 66 | 83.3 |
| Ind., Ill., Ky. | 1,865 | 1,876 | 1,905 | 2,399 | 79.4 |
| Minn., Wis., Daks. | 273 | 262 | 270 | 293 | 92.2 |
| Okla., Kans., Mo. | 659 | 606 | 623 | 858 | 72.6 |
| **DISTRICT 2 TOTAL** | 2,852 | 2,799 | 2,853 | 3,616 | 78.9 |
| Inland Texas | 498 | 472 | 499 | 592 | 84.3 |
| Texas Gulf Coast | 3,118 | 2,894 | 2,983 | 4,164 | 71.6 |
| La. Gulf Coast | 2,091 | 1,877 | 1,928 | 2,748 | 70.2 |
| N. La. and Ark. | 150 | 167 | 181 | 314 | 57.6 |
| New Mexico | 84 | 76 | 76 | 117 | 65.0 |
| **DISTRICT 3 TOTAL** | 5,941 | 5,486 | 5,667 | 7,935 | 71.4 |
| **DISTRICT 4 TOTAL** | 419 | 445 | 460 | 553 | 83.2 |
| **DISTRICT 5 TOTAL** | 2,384 | 2,284 | 2,335 | 3,083 | 75.7 |
| **TOTAL U.S.** | 12,800 | 12,102 | 12,461 | 16,854 | 73.9 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | |
| *JUN.* 24, 1983 | 12,839 | 11,922 | 12,416 | 16,854 | 73.7 |
| *JUL.* 2, 1982 | 13,966 | 12,627 | 13,059 | 17,492 | 74.7 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | |
| *JUL.* 1, 1983 | 10,416 | 9,818 | 10,126 | 13,771 | 73.5 |
| *JUN.* 24, 1983 | 10,537 | 9,818 | 10,126 | 13,771 | 73.5 |
| *JUL.* 2, 1982 | 11,635 | 10,474 | 10,855 | 14,408 | 75.3 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JULY* 1, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 619 | 226 | 393 | 19 | 23 | 250 | 90 |
| Appal. No. 1 | 32 | 18 | 14 | 2 | -- | 21 | 3 |
| **DISTRICT 1 TOTAL** | 651 | 244 | 407 | 21 | 23 | 271 | 93 |
| Appal. No. 2 | 34 | 15 | 19 | 1 | -- | 12 | 5 |
| Ind., Ill., Ky. | 1,272 | 601 | 671 | 4 | 103 | 369 | 45 |
| Minn., Wis., Daks. | 160 | 83 | 77 | 4 | 6 | 58 | 6 |
| Okla., Kans., Mo. | 457 | 289 | 168 | 6 | 9 | 162 | 12 |
| **DISTRICT 2 TOTAL** | 1,923 | 988 | 935 | 15 | 118 | 601 | 68 |
| Inland Texas | 286 | 155 | 131 | 23 | 22 | 114 | 22 |
| Texas Gulf Coast | 1,454 | 693 | 761 | 66 | 178 | 596 | 148 |
| La. Gulf Coast | 1,032 | 435 | 597 | 7 | 177 | 376 | 105 |
| N. La. and Ark. | 65 | 37 | 28 | 4 | -- | 55 | 11 |
| New Mexico | 31 | 22 | 9 | 13 | 1 | 25 | 2 |
| **DISTRICT 3 TOTAL** | 2,868 | 1,342 | 1,526 | 113 | 378 | 1,166 | 288 |
| **DISTRICT 4 TOTAL** | 243 | 160 | 83 | 11 | 26 | 122 | 10 |
| **DISTRICT 5 TOTAL** | 985 | 467 | 518 | 46 | 228 | 382 | 352 |
| **TOTAL U.S.** | 6,670 | 3,201 | 3,469 | 206 | 773 | 2,542 | 811 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *JUN.* 24, 1983 | 6,765 | 3,106 | 3,659 | 261 | 866 | 2,563 | 878 |
| *JUL.* 2, 1982 | 6,924 | *N/A* | *N/A* | 194 | 769 | 2,829 | 1,106 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | | | |
| *JUL.* 1, 1983 | 5,685 | 2,734 | 2,951 | 160 | 545 | 2,160 | 459 |
| *JUN.* 24, 1983 | 5,718 | 2,669 | 3,049 | 205 | 621 | 2,186 | 572 |
| *JUL.* 2, 1982 | 5,902 | *N/A* | *N/A* | 139 | 561 | 2,483 | 788 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JULY* 1, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,938 | 3,005 | 2,932 | 1 | 115 | 820 | 5,611 | 1,261 | -- |
| Central Atlantic | 28,149● | 12,146 | 11,831● | 4,172 | 624 | 5,032● | 23,149 | 18,263● | 12,765 |
| Lower Atlantic | 29,131● | 15,730 | 13,188● | 213 | 265 | 4,151 | 13,294 | 3,939● | 552 |
| **DISTRICT 1 TOTAL** | 63,218● | 30,881 | 27,951● | 4,386 | 1,004 | 10,003● | 42,054 | 23,463● | 13,317 |
| **DISTRICT 2 TOTAL** | 64,001 | 29,080 | 25,990 | 8,931 | 1,639 | 8,029 | 27,871 | 3,879 | 17,404 |
| **DISTRICT 3 TOTAL** | 63,381 | 22,561 | 23,289 | 17,531 | 2,521 | 10,923 | 30,610 | 11,792● | 49,202 |
| **DISTRICT 4 TOTAL** | 6,991 | 2,913 | 1,703 | 2,375 | 301 | 772 | 2,804 | 469 | 2,472 |
| **DISTRICT 5 TOTAL** | 26,465 | 9,121 | 9,816 | 7,528 | 1,988 | 5,938 | 10,927 | 7,514 | 25,772 |
| **TOTAL U.S.** | 224,056 | 94,556 | 88,749 | 40,751 | 7,453 | 35,665 | 114,266 | 47,117 | 108,167 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *JUN*. 24, 1983 | 221,942● | 93,433 | 89,612● | 38,897 | 7,943 | 36,537● | 113,684 | 45,728● | 109,119 |
| *JUL*. 2, 1982 | 219,078 | *N/A* | 88,279 | *N/A* | 5,664 | 34,242 | 125,754 | 58,863 | 116,032 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *JUL*. 1, 1983 | 197,591 | 85,435 | 78,933 | 33,223 | 5,465 | 29,727 | 103,339 | 39,603 | 82,395 |
| *JUN*. 24, 1983 | 196,293● | 84,737 | 79,661● | 31,895 | 6,062 | 30,207● | 102,951 | 38,272● | 83,570 |
| *JUL*. 2, 1982 | 195,455 | *N/A* | 79,455 | *N/A* | 4,236 | 28,748 | 115,174 | 50,063 | 90,388 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *FEB* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUL.* 1, 1983 | 5,906.5 | 5,920.0 | 3,459 | 215 | 264,781 |
| *JUN.* 24, 1983 | 5,906.5 | -- | 2,995 | 299 | 265,519● |
| *JUN.* 17, 1983 | 5,906.5 | -- | 2,671 | 262 | 266,427 |
| *JUN.* 10, 1983 | 5,906.5 | -- | 2,901 | 274 | 269,555 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUL.* 1, 1983 | 2,745.2 | 2,821.0 | 282 | -- | 86,004 * |
| *JUN.* 24, 1983 | 2,745.2 | -- | 381 | 7 | 86,610● |
| *JUN.* 17, 1983 | 2,745.2 | -- | 314 | -- | 82,134 |
| *JUN.* 10, 1983 | 2,745.2 | -- | 215 | 8 | 81,395 |
| ****INCLUDES* 26,513 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* ● | | | | | |
| **TOTAL U.S.** | | | | | |
| *JUL.* 1, 1983 | 8,651.7 | 8,741.0 | 3,741 | 215 | 350,785 * |
| *JUN.* 24, 1983 | 8,651.7 | -- | 3,376 | 306 | 352,129● |
| *JUN.* 17, 1983 | 8,651.7 | -- | 2,985 | 262 | 348,561 |
| *JUN.* 10, 1983 | 8,651.7 | -- | 3,116 | 282 | 350,950 |
| *JUL.* 2, 1982 | 8,632.1/A | -- | 4,117 | 209 | 351,425 |

*/A DOE ACTUAL FOR JUNE* 1982.

● *REVISED.*

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JUL.* 1, 1983 | 15,766 | 78,348 | 156,419 | 14,248 | 264,781 | 86,004 * | 350,785 * |
| *JUN.* 24, 1983 | 16,165● | 79,228 | 155,720 | 14,406 | 265,519● | 86,610● | 352,129● |
| *JUL.* 2, 1982 | 19,729 | 75,444 | 155,167 | 15,249 | 265,589 | 85,836 | 351,425 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JULY 1, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | 18 | 18 | -- | -- | -- | 48 | 96 | 6 | -- | -- | 168 |
| Central Atlantic | 174 | 86 | 88 | -- | 31 | 139 | 377 | -- | 90 | 151 | 962 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 167 | -- | -- | -- | 167 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *JUL. 1, 1983* | 192 | 104 | 88 | -- | 31 | 187 | 640 | 6 | 90 | 151 | 1,297 |
| *JUN. 24, 1983* | 283 | 66 | 217 | -- | 55 | 241 | 690 | 19 | 71 | 121 | 1,480 |
| *JUN. 17, 1983* | 113 | 52 | 61 | -- | 12 | 56 | 415 | 6 | 38 | -- | 640 |
| *JUN. 10, 1983* | 114 | 51 | 63 | -- | 18 | 55 | 381 | 6 | 35 | 124 | 733 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *JUL. 1, 1983* | 9 | 9 | -- | -- | -- | 6 | 11 | 118 | 91 | 176 | 411 |
| *JUN. 24, 1983* | 10 | 10 | -- | -- | -- | 42 | 15 | 79 | 288 | 48 | 482 |
| *JUN. 17, 1983* | 21 | 21 | -- | -- | -- | 4 | 47 | 146 | 90 | 75 | 383 |
| *JUN. 10, 1983* | 10 | 10 | -- | -- | -- | 5 | 42 | 148 | 161 | 61 | 427 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *JUL. 1, 1983* | 38 | 30 | 8 | -- | 2 | 17 | 17 | 16 | 34 | 6 | 130 |
| *JUN. 24, 1983* | 39 | 32 | 7 | -- | -- | 7 | 17 | 19 | 58 | 62 | 202 |
| *JUN. 17, 1983* | 37 | 30 | 7 | -- | -- | 4 | 16 | 14 | -- | 5 | 76 |
| *JUN. 10, 1983* | 39 | 32 | 7 | -- | 2 | 3 | 17 | 17 | -- | 7 | 85 |
| **TOTAL U.S.** | 239 | 143 | 96 | -- | 33 | 210 | 668 | 140 | 215 | 333 | 1,838 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *JUN. 24, 1983* | 332 | 108 | 224 | -- | 55 | 290 | 722 | 117 | 417 | 231 | 2,164 |
| *JUN. 17, 1983* | 171 | 103 | 68 | -- | 12 | 64 | 478 | 166 | 128 | 80 | 1,099 |
| *JUN. 10, 1983* | 163 | 93 | 70 | -- | 20 | 63 | 440 | 171 | 196 | 192 | 1,245 |
| *JUL. 2, 1982* | 242 | *N/A* | 72 | 2 | 18 | 80 | 561 | 153 | 176 | 9 | 1,243 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

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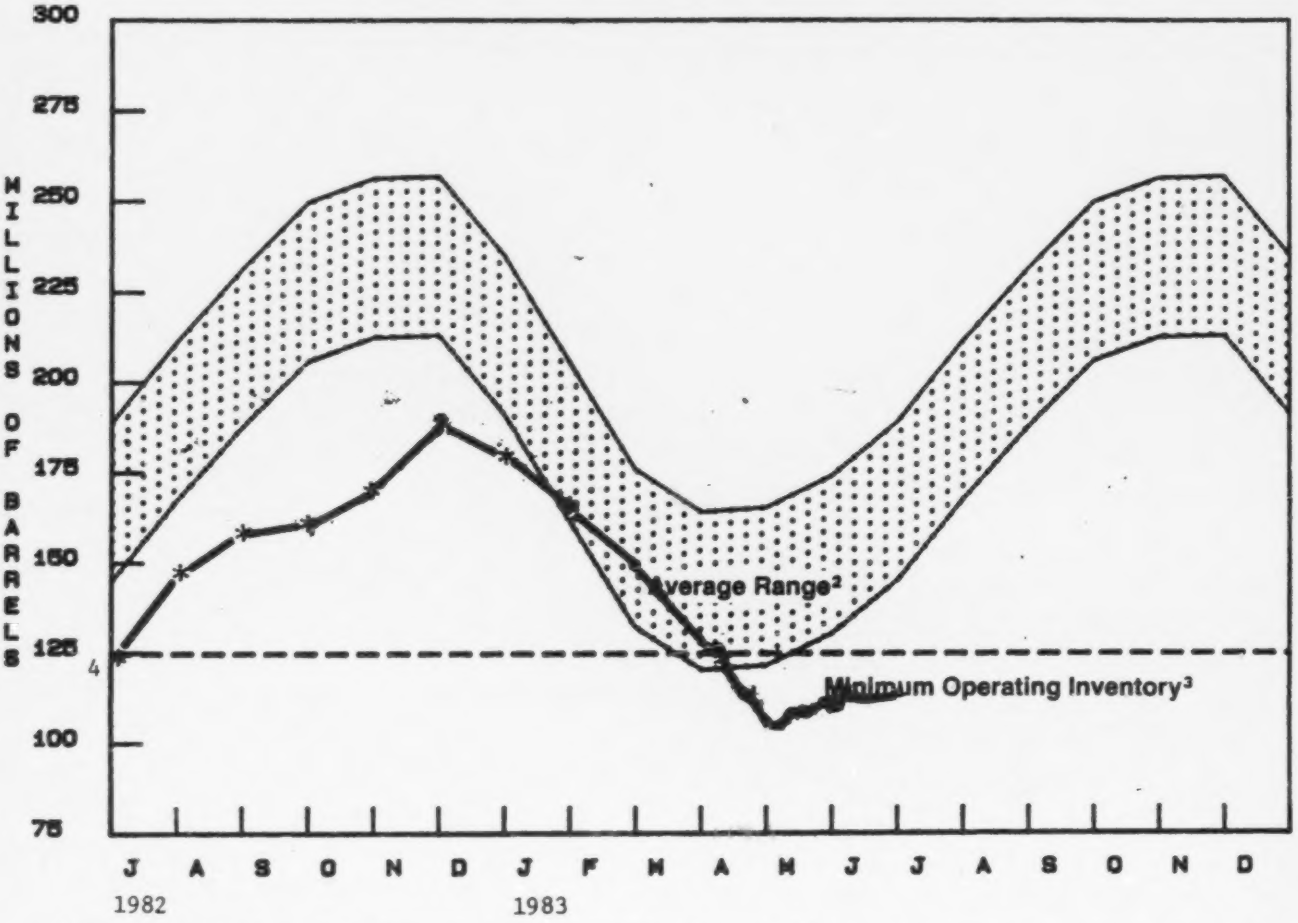
## REVISIONS

| | | | | |
|---|---|---|---|---|
| 6/24/83 | PAGE 3 | TOTAL MGAS | CENTRAL ATLANTIC | 28,994 |
| | | | LOWER ATLANTIC | 28,610 |
| | | | DISTRICT 1 TOTAL | 63,205 |
| | | | TOTAL U.S. | 221,942 |
| | | | DISTRICTS 1-4 | 196,293 |
| | | UNLEADED MGAS | CENTRAL ATLANTIC | 12,082 |
| | | | LOWER ATLANTIC | 13,284 |
| | | | DISTRICT 1 TOTAL | 28,225 |
| | | | TOTAL U.S. | 89,612 |
| | | | DISTRICTS 1-4 | 79,661 |
| | | KEROSINE JET | CENTRAL ATLANTIC | 5,207 |
| | | | DISTRICT 1 TOTAL | 10,020 |
| | | | TOTAL U.S. | 36,537 |
| | | | DISTRICTS 1-4 | 30,207 |
| | | RESIDUAL FUEL | CENTRAL ATLANTIC | 16,448 |
| | | | LOWER ATLANTIC | 4,026 |
| | | | DISTRICT 1 TOTAL | 21,811 |
| | | | DISTRICT 3 TOTAL | 12,230 |
| | | | TOTAL U.S. | 45,728 |
| | | | DISTRICTS 1-4 | 38,272 |
| | PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 265,519 |
| | | | DISTRICT 5 TOTAL | 86,610 |
| | | | TOTAL U.S. | 352,129 |
| | | ALASKAN CRUDE OIL | DISTRICT 5 TOTAL | 29,205 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 1 | 16,165 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 265,519 |
| | | TOTAL | PAD DISTRICT 5 | 86,610 |
| | | TOTAL | TOTAL U.S. | 352,129 |

Week Ended July 1, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

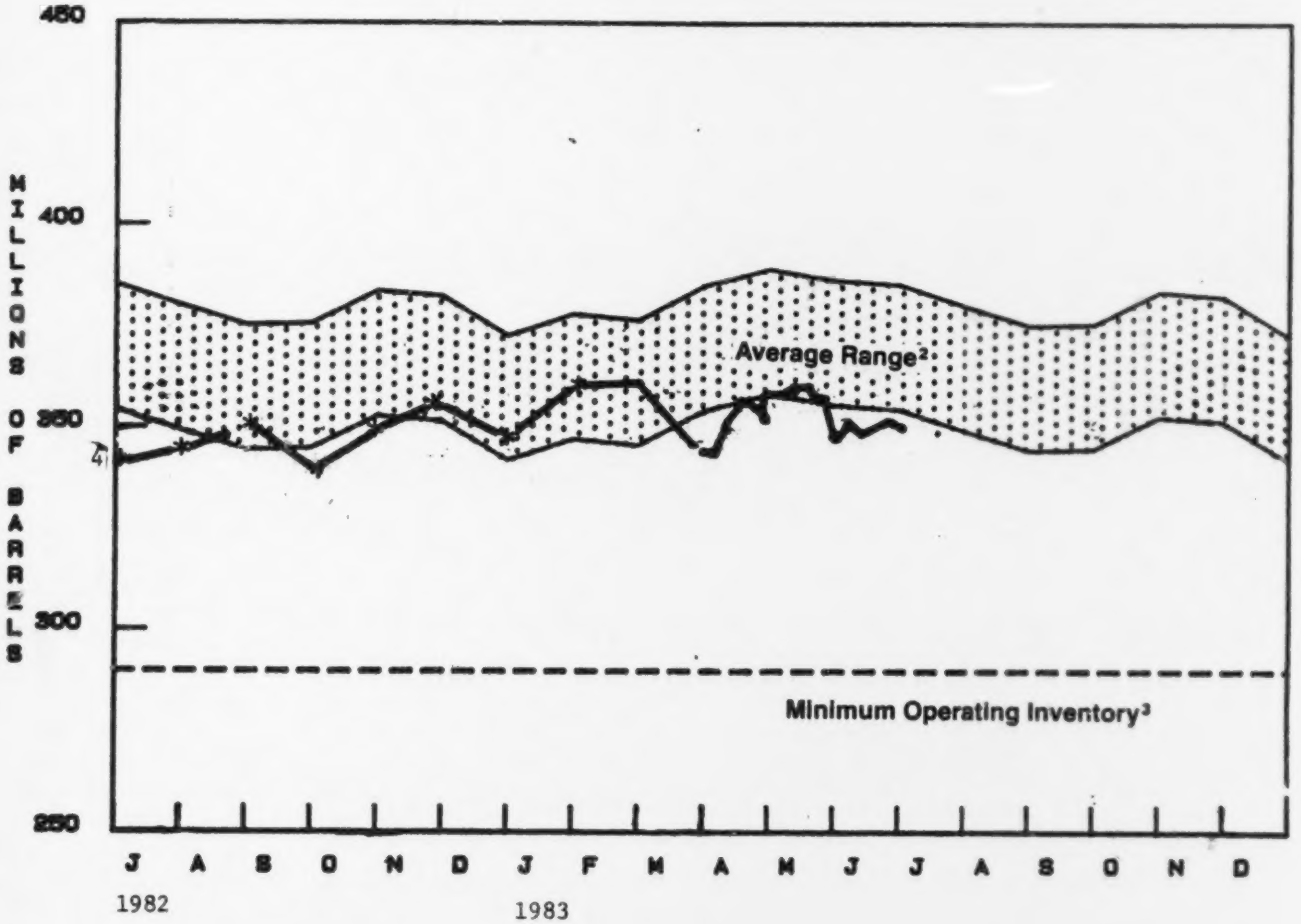
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended July 1, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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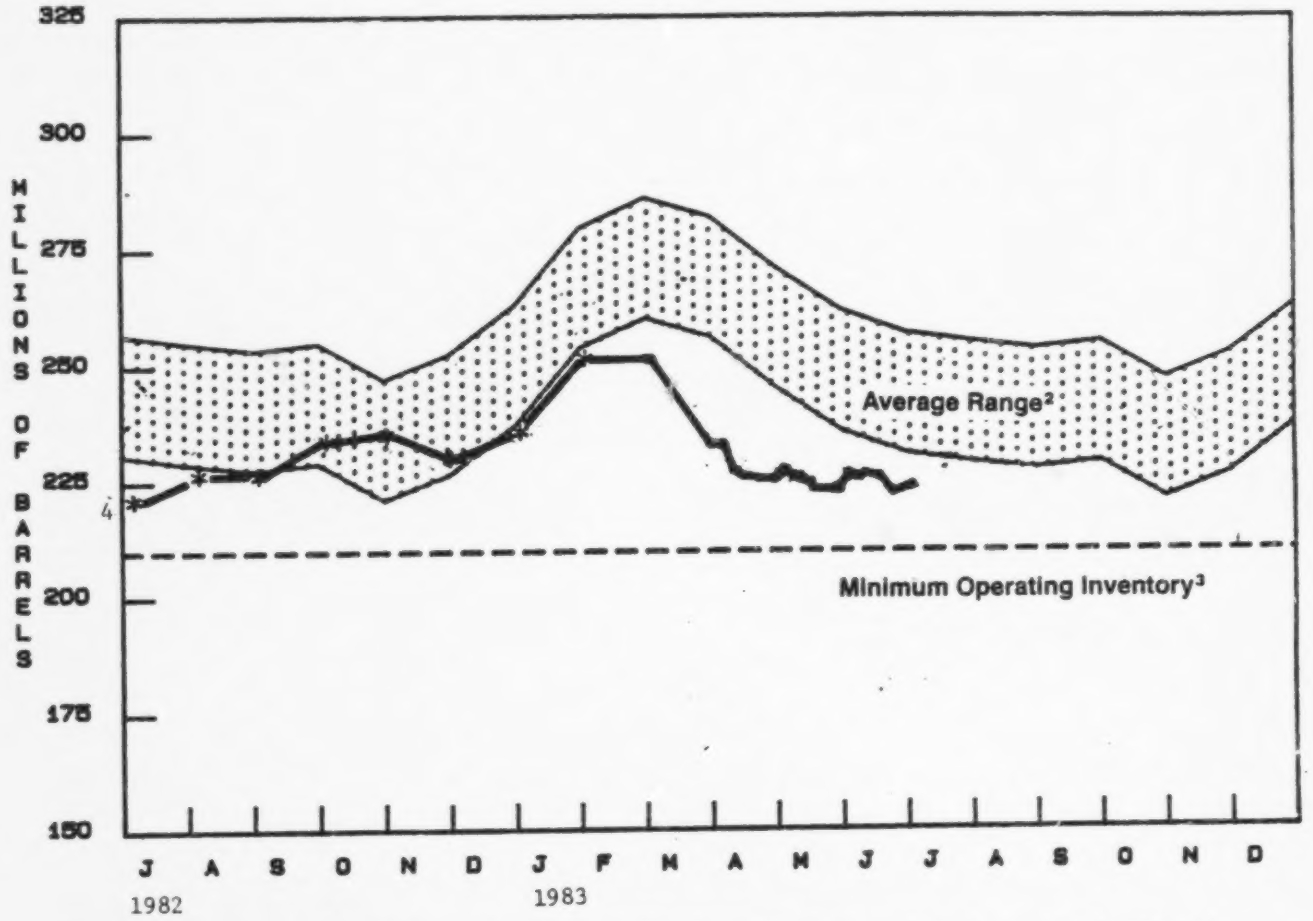
Week Ended July 1, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

7/18/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** JULY 8, 1983 **NO.** 27

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 07/08/83 | Last Week Ending: 07/01/83 | Last Year Week Ending: 07/09/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,475 | 12,479 | 13,028 | - 4 | - 553 |
| Operable capacity | 16,854 | 16,854 | 17,382 | 0 | - 528 |
| Percent operated | 74.0 | 74.0 | 75.0 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,816 | 6,670 | 7,015 | + 146 | - 199 |
| Finished leaded motor gasoline production | 3,076 | 3,201 | N/A | - 125 | N/A |
| Finished unleaded motor gasoline production | 3,740 | 3,469 | N/A | + 271 | N/A |
| Total motor gasoline stocks | 224,593 | 222,781 | 224,260 | + 1,812 | + 333 |
| Finished leaded motor gasoline stocks | 97,017 | 94,556 | N/A | + 2,461 | N/A |
| Finished unleaded motor gasoline stocks | 88,571 | 88,749 | 89,679 | - 178 | - 1,108 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,572 | 2,542 | 2,758 | + 30 | - 186 |
| Distillate fuel oil stocks | 119,919 | 114,266 | 133,599 | + 5,653 | - 13,680 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 753 | 788 | 1,118 | - 35 | - 365 |
| Residual fuel oil stocks | 46,129 | 47,117 | 61,167 | - 988 | - 15,038 |
| Imports | | | | | |
| Crude oil imports | 3,632 | 3,741 | 3,515 | - 109 | + 117 |
| Product imports | 1,532 | 1,838 | 1,325 | - 306 | + 207 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 346,061 | 350,785 | 349,111 | - 4,724 | - 3,050 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JULY* 8, 1983 **NO.** 27

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,194 | 1,044 | 1,095 | 1,569 | 69.8 |
| Appal. No. 1 | 52 | 51 | 51 | 98 | 52.0 |
| **DISTRICT 1 TOTAL** | 1,246 | 1,095 | 1,146 | 1,667 | 68.7 |
| Appal. No. 2 | 39 | 35 | 39 | 66 | 59.1 |
| Ind., Ill., Ky. | 1,923 | 1,859 | 1,903 | 2,399 | 79.3 |
| Minn., Wis., Daks. | 286 | 275 | 284 | 293 | 96.9 |
| Okla., Kans., Mo. | 690 | 656 | 664 | 858 | 77.4 |
| **DISTRICT 2 TOTAL** | 2,938 | 2,825 | 2,890 | 3,616 | 79.9 |
| Inland Texas | 499 | 458 | 478 | 592 | 80.7 |
| Texas Gulf Coast | 3,134 | 2,922 | 3,012 | 4,164 | 72.3 |
| La. Gulf Coast | 1,982 | 1,859 | 1,893 | 2,748 | 68.9 |
| N. La. and Ark. | 210 | 184 | 197 | 314 | 62.7 |
| New Mexico | 74 | 66 | 68 | 117 | 58.1 |
| **DISTRICT 3 TOTAL** | 5,899 | 5,489 | 5,648 | 7,935 | 71.2 |
| **DISTRICT 4 TOTAL** | 432 | 446 | 448 | 553 | 81.0 |
| **DISTRICT 5 TOTAL** | 2,391 | 2,292 | 2,343● | 3,083 | 76.0● |
| **TOTAL U.S.** | 12,906 | 12,147 | 12,475 | 16,854 | 74.0 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *JUL.* 1, 1983 | 12,800 | 12,102 | 12,479● | 16,854 | 74.0● |
| *JUL.* 9, 1982 | 13,802 | 12,612 | 13,028 | 17,382 | 75.0 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *JUL.* 8, 1983 | 10,515 | 9,855 | 10,132 | 13,771 | 73.6 |
| *JUL.* 1, 1983 | 10,416 | 9,818 | 10,126 | 13,771 | 73.5 |
| *JUL.* 9, 1982 | 11,579 | 10,490 | 10,873 | 14,290 | 76.1 |

●*SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JULY 8, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 595 | 234 | 361 | 27 | 26 | 297 | 76 |
| Appal. No. 1 | 17 | 6 | 11 | 1 | -- | 14 | 2 |
| **DISTRICT 1 TOTAL** | 612 | 240 | 372 | 28 | 26 | 311 | 78 |
| Appal. No. 2 | 35 | 15 | 20 | 1 | 4 | 14 | 10 |
| Ind., Ill., Ky. | 1,185 | 542 | 643 | 17 | 63 | 374 | 43 |
| Minn., Wis., Daks. | 156 | 89 | 67 | 3 | 11 | 61 | 5 |
| Okla., Kans., Mo. | 463 | 269 | 194 | 9 | 27 | 173 | 8 |
| **DISTRICT 2 TOTAL** | 1,839 | 915 | 924 | 30 | 105 | 622 | 66 |
| Inland Texas | 254 | 122 | 132 | 20 | 24 | 112 | 14 |
| Texas Gulf Coast | 1,563 | 657 | 906 | 69 | 172 | 597 | 196 |
| La. Gulf Coast | 1,096 | 451 | 645 | 10 | 177 | 385 | 63 |
| N. La. and Ark. | 56 | 23 | 33 | 7 | -- | 52 | 13 |
| New Mexico | 33 | 22 | 11 | 15 | -- | 20 | 2 |
| **DISTRICT 3 TOTAL** | 3,002 | 1,275 | 1,727 | 121 | 373 | 1,166 | 288 |
| **DISTRICT 4 TOTAL** | 235 | 141 | 94 | 10 | 26 | 112 | 12 |
| **DISTRICT 5 TOTAL** | 1,128 | 505 | 623 | 34 | 254 | 361 | 309● |
| **TOTAL U.S.** | 6,816 | 3,076 | 3,740 | 223 | 784 | 2,572 | 753 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| JUL. 1, 1983 | 6,670 | 3,201 | 3,469 | 206 | 773 | 2,542 | 788● |
| JUL. 9, 1982 | 7,015 | N/A | N/A | 222 | 771 | 2,758 | 1,118 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | | | |
| JUL. 8, 1983 | 5,688 | 2,571 | 3,117 | 189 | 530 | 2,211 | 444 |
| JUL. 1, 1983 | 5,685 | 2,734 | 2,951 | 160 | 545 | 2,160 | 459 |
| JUL. 9, 1982 | 5,998 | N/A | N/A | 165 | 554 | 2,420 | 774 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● SEE REVISIONS ON PAGE 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JULY 8, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,170 | 2,795 | 2,374 | 1 | 123 | 921 | 6,308 | 1,434 | -- |
| Central Atlantic | 27,921 | 12,469 | 11,601 | 3,851 | 585 | 4,466 | 25,024 | 17,113 | 12,357 |
| Lower Atlantic | 28,558 | 15,265 | 12,979 | 314 | 250 | 3,888 | 13,910 | 4,073 | 543 |
| **DISTRICT 1 TOTAL** | 61,649 | 30,529 | 26,954 | 4,166 | 958 | 9,275 | 45,242 | 22,620 | 12,900 |
| **DISTRICT 2 TOTAL** | 64,336 | 29,195 | 26,459 | 8,682 | 1,865 | 7,862 | 29,080 | 3,414 | 18,107 |
| **DISTRICT 3 TOTAL** | 64,424● | 24,509 | 22,812 | 17,103● | 2,547 | 10,679 | 31,824 | 11,335 | 46,883 |
| **DISTRICT 4 TOTAL** | 6,684 | 3,173 | 1,593 | 1,918 | 294 | 792 | 3,024 | 528 | 2,483 |
| **DISTRICT 5 TOTAL** | 27,500 | 9,611 | 10,753 | 7,136 | 1,706 | 6,043 | 10,749 | 8,232 | 25,271 |
| **TOTAL U.S.** | 224,593 | 97,017 | 88,571 | 39,005 | 7,370 | 34,651 | 119,919 | 46,129 | 105,644 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| JUL. 1, 1983 | 222,781● | 94,556 | 88,749 | 39,476● | 7,453 | 35,665 | 114,266 | 47,117 | 108,167 |
| JUL. 9, 1982 | 224,260 | N/A | 89,679 | N/A | 5,449 | 34,887 | 133,599 | 61,167 | 116,857 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| JUL. 8, 1983 | 197,093 | 87,406 | 77,818 | 31,869 | 5,664 | 28,608 | 109,170 | 37,897 | 80,373 |
| JUL. 1, 1983 | 196,316● | 85,435 | 78,933 | 31,948● | 5,465 | 29,727 | 103,339 | 39,603 | 82,395 |
| JUL. 9, 1982 | 199,163 | N/A | 80,333 | N/A | 4,238 | 29,237 | 122,463 | 51,462 | 91,270 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE 8*

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *FEB* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUL.* 8, 1983 | 5,885.9 | 5,920.0 | 3,427 | 196 | 262,829 |
| *JUL.* 1, 1983 | 5,893.5● | -- | 3,459 | 215 | 264,781 |
| *JUN.* 24, 1983 | 5,893.5● | -- | 2,995 | 299 | 265,519 |
| *JUN.* 17, 1983 | 5,893.5● | -- | 2,671 | 262 | 266,427 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUL.* 8, 1983 | 2,812.5 | 2,821.0 | 205 | 8 | 83,232 * |
| *JUL.* 1, 1983 | 2,794.0● | -- | 282 | -- | 86,004 |
| *JUN.* 24, 1983 | 2,794.0● | -- | 381 | 7 | 86,610 |
| *JUN.* 17, 1983 | 2,794.0● | -- | 314 | -- | 82,134 |

**INCLUDES* 27,135 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *JUL.* 8, 1983 | 8,698.4 | 8,741.0 | 3,632 | 204 | 346,061 * |
| *JUL.* 1, 1983 | 8,687.5● | -- | 3,741 | 215 | 350,785 |
| *JUN.* 24, 1983 | 8,687.5● | -- | 3,376 | 306 | 352,129 |
| *JUN.* 17, 1983 | 8,687.5● | -- | 2,985 | 262 | 348,561 |
| *JUL.* 9, 1982 | 8,656.1 /A | -- | 3,515 | 167 | 349,111 |

*/A DOE ACTUAL FOR JULY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JUL.* 8, 1983 | 15,442 | 77,439 | 155,812 | 14,136 | 262,829 | 83,232 * | 346,061 * |
| *JUL.* 1, 1983 | 15,766 | 78,348 | 156,419 | 14,248 | 264,781 | 86,004 | 350,785 |
| *JUL.* 9, 1982 | 18,742 | 74,738 | 156,898 | 15,171 | 265,549 | 83,562 | 349,111 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JULY 8, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | 48 | 97 | 9 | -- | -- | 154 |
| Central Atlantic | 39 | 39 | -- | -- | -- | 141 | 439 | -- | 41 | 93 | 753 |
| Lower Atlantic | 129 | 57 | 72 | -- | -- | 71 | 41 | -- | -- | 20 | 261 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| JUL. 8, 1983 | 168 | 96 | 72 | -- | -- | 260 | 577 | 9 | 41 | 113 | 1,168 |
| JUL. 1, 1983 | 192 | 104 | 88 | -- | 31 | 187 | 640 | 6 | 90 | 151 | 1,297 |
| JUN. 24, 1983 | 283 | 66 | 217 | -- | 55 | 241 | 690 | 19 | 71 | 121 | 1,480 |
| JUN. 17, 1983 | 113 | 52 | 61 | -- | 12 | 56 | 415 | 6 | 38 | -- | 640 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| JUL. 8, 1983 | 8 | 5 | 3 | -- | 4 | 4 | 39 | 67 | 123 | 49 | 294 |
| JUL. 1, 1983 | 9 | 9 | -- | -- | -- | 6 | 11 | 118 | 91 | 176 | 411 |
| JUN. 24, 1983 | 10 | 10 | -- | -- | -- | 42 | 15 | 79 | 288 | 48 | 482 |
| JUN. 17, 1983 | 21 | 21 | -- | -- | -- | 4 | 47 | 146 | 90 | 75 | 383 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| JUL. 8, 1983 | 32 | 25 | 7 | -- | -- | 5 | 18 | 15 | -- | -- | 70 |
| JUL. 1, 1983 | 38 | 30 | 8 | -- | 2 | 17 | 17 | 16 | 34 | 6 | 130 |
| JUN. 24, 1983 | 39 | 32 | 7 | -- | -- | 7 | 17 | 19 | 58 | 62 | 202 |
| JUN. 17, 1983 | 37 | 30 | 7 | -- | -- | 4 | 16 | 14 | -- | 5 | 76 |
| **TOTAL U.S.** | 208 | 126 | 82 | -- | 4 | 269 | 634 | 91 | 164 | 162 | 1,532 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| JUL. 1, 1983 | 239 | 143 | 96 | -- | 33 | 210 | 668 | 140 | 215 | 333 | 1,838 |
| JUN. 24, 1983 | 332 | 108 | 224 | -- | 55 | 290 | 722 | 117 | 417 | 231 | 2,164 |
| JUN. 17, 1983 | 171 | 103 | 68 | -- | 12 | 64 | 478 | 166 | 128 | 80 | 1,099 |
| JUL. 9, 1982 | 174 | N/A | 91 | -- | 11 | 75 | 640 | 143 | 264 | 18 | 1,325 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

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## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | June 1983 | May 1983 | Feb. 1983 |
| Florida | 63.0 | 64.0 | 63.0 |
| New York-Pennsylvania | 14.0 | 12.0 | 14.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 9.5 | 9.0 |
| Illinois | 82.0 | 83.0 | 83.0 |
| Indiana | 16.0 | 13.0 | 16.0 |
| Kansas | 199.0 | 198.5 | 195.0 |
| Kentucky | 23.0 | 23.0 | 23.0 |
| Michigan | 90.0 | 89.0 | 90.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 4.0 |
| Nebraska | 18.0 | 18.5 | 18.0 |
| Ohio | 40.0 | 40.0 | 40.0 |
| Oklahoma | 435.0 | 435.0 | 476.0 |
| North Dakota | 142.0 | 141.5 | 142.0 |
| South Dakota | 3.0 | 3.0 | 3.0 |
| Alabama | 55.0 | 55.0 | 54.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 86.0 | 86.0 | 86.0 |
| New Mexico-So. East | 187.0 | 187.0 | 188.0 |
| New Mexico-Other | 14.5 | 14.5 | 18.0 |
| North Louisiana | 95.0 | 95.0 | 95.0 |
| South Louisiana | 1,205.0 | 1,202.0 | 1,178.0 |
| Total Louisiana | 1,300.0 | 1,297.0 | 1,273.0 |
| Texas | | | |
| District 1 | 67.0 | 68.0 | 69.0 |
| District 2 | 109.0 | 110.0 | 109.0 |
| District 3 | 369.0 | 370.0 | 367.0 |
| District 4 | 78.0 | 80.0 | 77.0 |
| District 5 | 21.0 | 22.0 | 23.0 |
| District 6, East Texas Field | 142.0 | 143.0 | 143.0 |
| Other | 114.0 | 114.0 | 118.0 |
| District 7-B | 92.0 | 93.0 | 92.0 |
| District 7-C | 98.0 | 104.0 | 97.0 |
| District 8 and 8-A | 1,259.0 | 1,260.0 | 1,268.0 |
| District 9 | 105.0 | 106.0 | 106.0 |
| District 10 | 58.0 | 60.0 | 54.0 |
| Total Texas | 2,512.0 | 2,530.0 | 2,523.0 |
| Colorado | 82.0 | 82.0 | 84.0 |
| Montana | 83.0 | 84.0 | 81.0 |
| Utah | 64.0 | 64.0 | 64.0 |
| Wyoming | 321.0 | 323.0 | 321.0 |
| Total Dists. 1-4 | 5,893.5 | 5,908.5 | 5,920.0 |
| Alaska | 1,684.5 | 1,657.0 | 1,717.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,106.5 | 1,102.0 | 1,101.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,794.0 | 2,762.0 | 2,821.0 |
| Total U.S. | 8,687.5 | 8,670.5 | 8,741.0 |

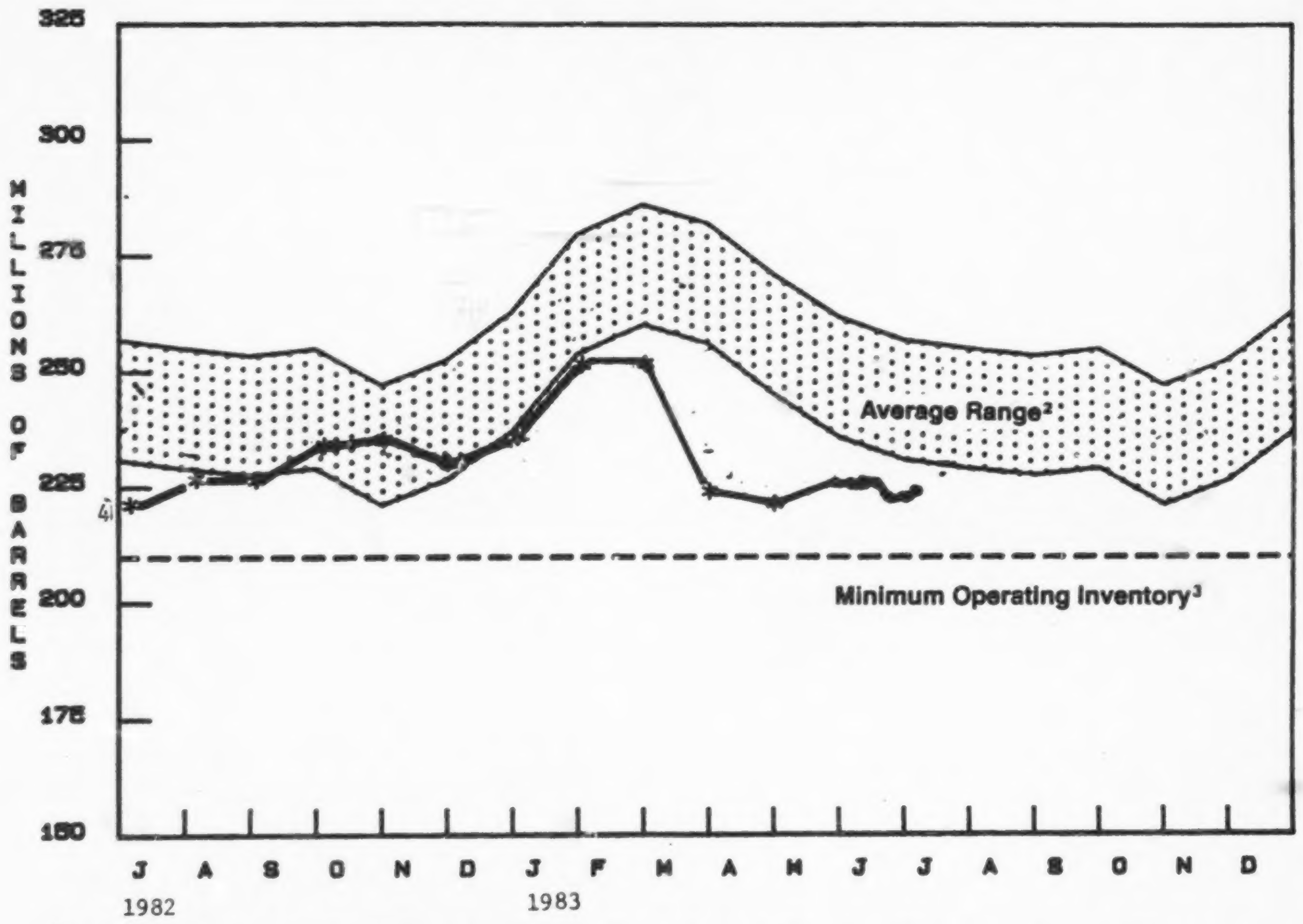
API STATISTICAL BULLETIN
WEEK ENDED: JUL. 8, 1983

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 7/01/83 | PAGE 1 | INPUT TO CRUDE OIL | DISTRICT 5 TOTAL | 2,353 |
| | | | TOTAL U.S. | 12,479 |
| | | O/O OPERATED | DISTRICT 5 TOTAL | 76.3 |
| | | | TOTAL U.S. | 74.0 |
| | PAGE 2 | RESIDUAL FUEL | DISTRICT 5 TOTAL | 329 |
| | | | TOTAL U.S. | 788 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 3 TOTAL | 62,106 |
| | | | TOTAL U.S. | 222,781 |
| | | | DISTRICTS 1-4 | 196,316 |
| | | BLENDING COMPS | DISTRICT 3 TOTAL | 16,256 |
| | | | TOTAL U.S. | 39,476 |
| | | | DISTRICTS 1-4 | 31,948 |

---

## Motor Gasoline Stocks at Primary Level[1][5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

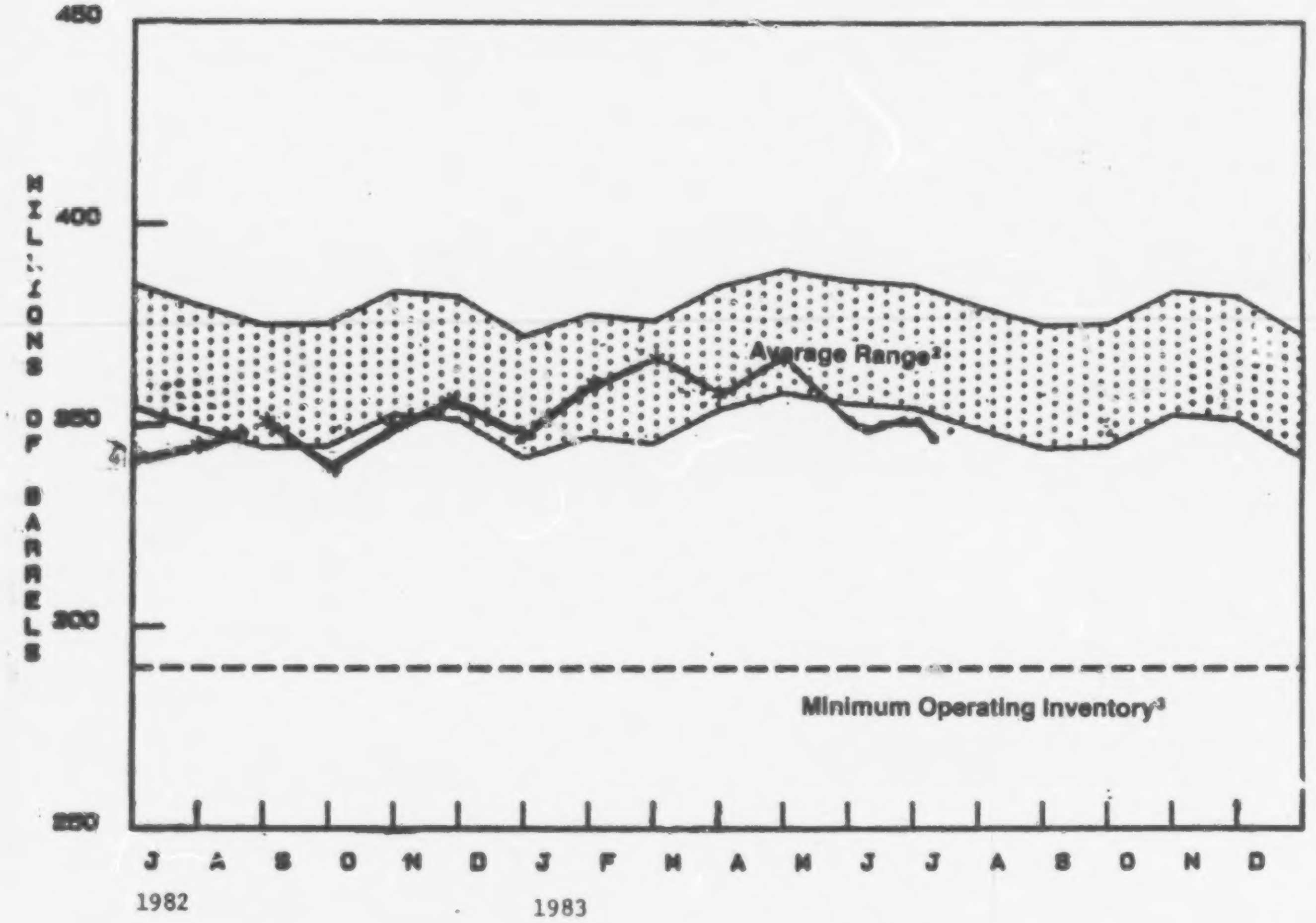
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

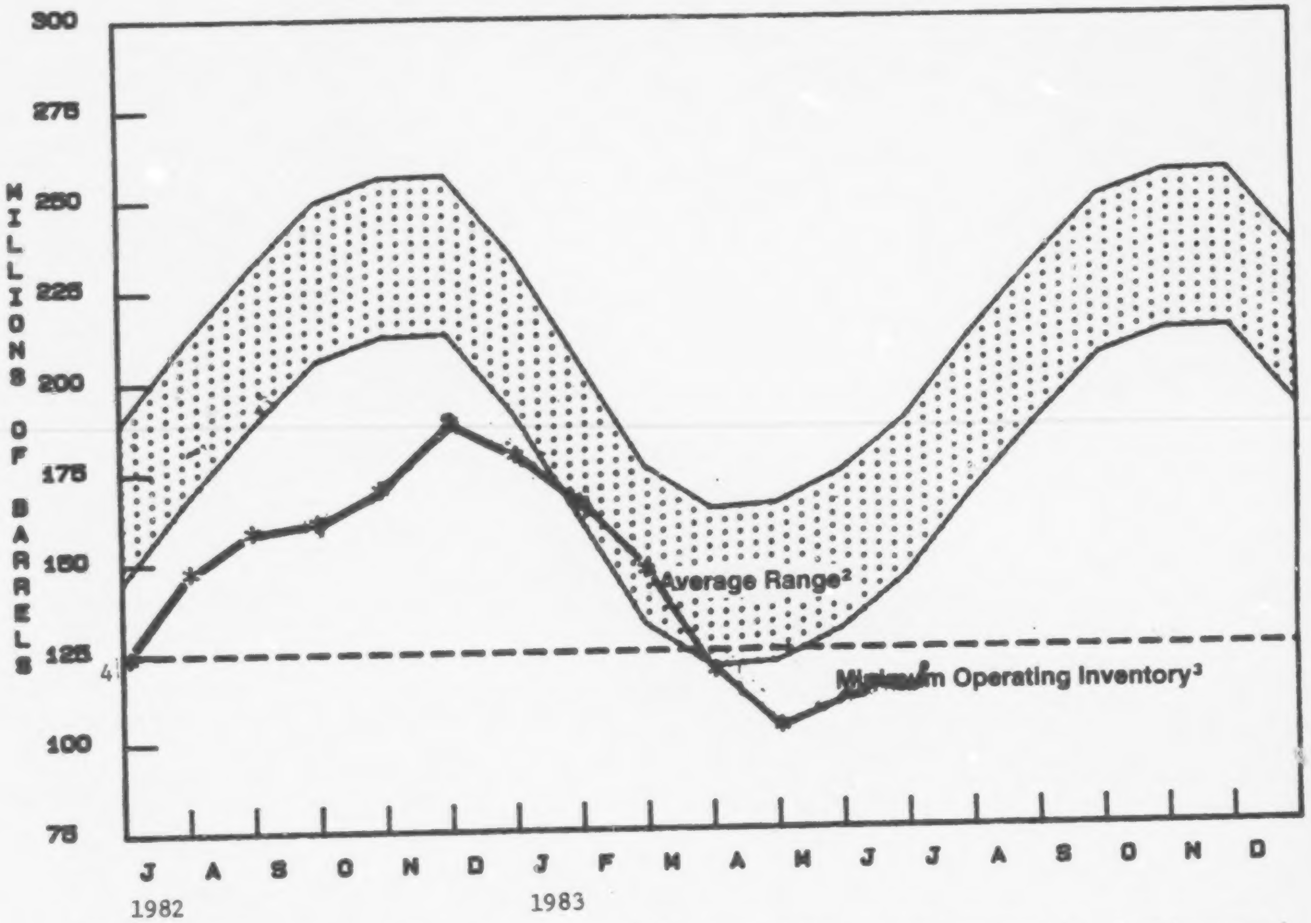
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

7/21/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** JULY 15, 1983 **NO.** 28

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 07/15/83 | Last Week Ending: 07/08/83 | Last Year Week Ending: 07/16/82 | | Change From Last Week | | Change From Last Year |
|---|---|---|---|---|---|---|---|
| **Refinery Operations** | | | | | | | |
| Input to crude oil distillation units | 12,513 | 12,475 | 12,836 | + | 38 | - | 323 |
| Operable capacity | 16,294 | 16,294 | 17,382 | | 0 | - | 1,088 |
| Percent operated | 76.8 | 76.6 | 73.8 | | | | |
| **Motor Gasoline** | | | | | | | |
| Total motor gasoline production | 6,907 | 6,816 | 6,854 | + | 91 | + | 53 |
| Finished leaded motor gasoline production | 3,009 | 3,076 | N/A | - | 67 | | N/A |
| Finished unleaded motor gasoline production | 3,898 | 3,740 | N/A | + | 158 | | N/A |
| Total motor gasoline stocks | 224,041 | 224,715 | 224,738 | - | 674 | - | 697 |
| Finished leaded motor gasoline stocks | 97,616 | 97,139 | N/A | + | 477 | | N/A |
| Finished unleaded motor gasoline stocks | 88,514 | 88,571 | 90,852 | - | 57 | - | 2,338 |
| **Distillate Fuel Oil** | | | | | | | |
| Distillate fuel oil production | 2,544 | 2,594 | 2,826 | - | 50 | - | 282 |
| Distillate fuel oil stocks | 122,852 | 119,919 | 137,595 | + | 2,933 | - | 14,743 |
| **Residual Fuel Oil** | | | | | | | |
| Residual fuel oil production | 826 | 753 | 1,123 | + | 73 | - | 297 |
| Residual fuel oil stocks | 48,037 | 46,129 | 60,187 | + | 1,908 | - | 12,150 |
| **Imports** | | | | | | | |
| Crude oil imports | 3,284 | 3,632 | 4,072 | - | 348 | - | 788 |
| Product imports | 1,868 | 1,532 | 1,321 | + | 336 | + | 547 |
| **Crude Oil Stocks** | | | | | | | |
| Crude oil stocks | 342,858 | 346,192 | 344,244 | - | 3,334 | - | 1,386 |

*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** JULY 15, 1983 **NO.** 28

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,141 | 1,049 | 1,086 | 1,229● | 88.4● |
| Appal. No. 1 | 69 | 67 | 66 | 177 | 37.3 |
| **DISTRICT 1 TOTAL** | 1,210 | 1,116 | 1,152 | 1,406● | 81.9● |
| Appal. No. 2 | 4 | -- | 4 | 66 | 6.1 |
| Ind., Ill., Ky. | 1,904 | 1,873 | 1,913 | 2,345● | 81.6● |
| Minn., Wis., Daks. | 286 | 274 | 283 | 296 | 95.6 |
| Okla., Kans., Mo. | 659 | 610 | 621 | 827● | 75.1● |
| **DISTRICT 2 TOTAL** | 2,853 | 2,757 | 2,821 | 3,534● | 79.8● |
| Inland Texas | 551 | 494 | 516 | 585● | 88.2● |
| Texas Gulf Coast | 3,126 | 2,903 | 3,010 | 3,907● | 77.0● |
| La. Gulf Coast | 2,042 | 1,930 | 1,968 | 2,875 | 68.5 |
| N. La. and Ark. | 192 | 166 | 179 | 286 | 62.6 |
| New Mexico | 59 | 51 | 53 | 105 | 50.5 |
| **DISTRICT 3 TOTAL** | 5,970 | 5,544 | 5,726 | 7,758● | 73.8● |
| **DISTRICT 4 TOTAL** | 429 | 451 | 453 | 536 | 84.5 |
| **DISTRICT 5 TOTAL** | 2,575 | 2,307 | 2,361 | 3,060 | 77.2 |
| **TOTAL U.S.** | 13,037 | 12,175 | 12,513 | 16,294 | 76.8 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| JUL. 8, 1983 | 12,906 | 12,147 | 12,475 | 16,294● | 76.6● |
| JUL. 16, 1982 | 13,694 | 12,391 | 12,836 | 17,382 | 73.8 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | |
| JUL. 15, 1983 | 10,462 | 9,868 | 10,152 | 13,234 | 76.7 |
| JUL. 8, 1983 | 10,515 | 9,855 | 10,132 | 13,234● | 76.6● |
| JUL. 16, 1982 | 11,421 | 10,323 | 10,730 | 14,290 | 75.1 |

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JULY* 15, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 610 | 197 | 413 | 23 | 28 | 305 | 92 |
| Appal. No. 1 | 21 | 9 | 12 | 2 | -- | 18 | 2 |
| **DISTRICT 1 TOTAL** | 631 | 206 | 425 | 25 | 28 | 323 | 94 |
| Appal. No. 2 | -- | -- | -- | 2 | -- | -- | -- |
| Ind., Ill., Ky. | 1,241 | 552 | 689 | 7 | 82 | 352 | 56 |
| Minn., Wis., Daks. | 173 | 109 | 64 | 5 | 11 | 62 | 6 |
| Okla., Kans., Mo. | 469 | 281 | 188 | 22 | 10 | 159 | 10 |
| **DISTRICT 2 TOTAL** | 1,883 | 942 | 941 | 36 | 103 | 573 | 72 |
| Inland Texas | 287 | 136 | 151 | 23 | 26 | 112 | 14 |
| Texas Gulf Coast | 1,609 | 735 | 874 | 54 | 184● | 581● | 241 |
| La. Gulf Coast | 1,078 | 388 | 690 | 9 | 214 | 375 | 90 |
| N. La. and Ark. | 55 | 22 | 33 | 7 | -- | 46 | 11 |
| New Mexico | 27 | 16 | 11 | 20 | -- | 14 | 1 |
| **DISTRICT 3 TOTAL** | 3,056 | 1,297 | 1,759 | 113 | 424● | 1,128● | 357 |
| **DISTRICT 4 TOTAL** | 284 | 182 | 102 | 10 | 25 | 118 | 13 |
| **DISTRICT 5 TOTAL** | 1,053 | 382 | 671 | 58 | 260 | 402 | 290 |
| **TOTAL U.S.** | 6,907 | 3,009 | 3,898 | 242 | 840 | 2,544 | 826 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *JUL.* 8, 1983 | 6,816 | 3,076 | 3,740 | 223 | 762● | 2,594● | 753 |
| *JUL.* 16, 1982 | 6,854 | *N/A* | *N/A* | 212 | 694 | 2,826 | 1,123 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *JUL.* 15, 1983 | 5,854 | 2,627 | 3,227 | 184 | 580 | 2,142 | 536 |
| *JUL.* 8, 1983 | 5,688 | 2,571 | 3,117 | 189 | 508● | 2,233● | 444 |
| *JUL.* 16, 1982 | 5,803 | *N/A* | *N/A* | 157 | 511 | 2,484 | 794 |

---

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE 7*

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,329 | 2,796 | 2,532 | 1 | 57 | 805 | 6,879 | 1,648 | -- |
| Central Atlantic | 29,131 | 12,351 | 12,836 | 3,944 | 560 | 4,670 | 25,981 | 18,889 | 11,821 |
| Lower Atlantic | 29,009 | 15,891 | 12,794 | 324 | 247 | 4,274 | 13,299 | 4,262 | 555 |
| **DISTRICT 1 TOTAL** | 63,469 | 31,038 | 28,162 | 4,269 | 864 | 9,749 | 46,159 | 24,799 | 12,376 |
| **DISTRICT 2 TOTAL** | 64,353● | 30,556● | 25,873 | 7,924 | 1,741 | 7,678 | 30,896 | 3,383 | 17,876 |
| **DISTRICT 3 TOTAL** | 61,836 | 23,472 | 21,863 | 16,501 | 2,471 | 10,595 | 31,706 | 11,019 | 47,803 |
| **DISTRICT 4 TOTAL** | 6,795 | 3,288 | 1,654 | 1,853 | 277 | 758 | 3,047 | 564 | 2,343 |
| **DISTRICT 5 TOTAL** | 27,588 | 9,262 | 10,962 | 7,364 | 1,746 | 6,494 | 11,044 | 8,272 | 25,017 |
| **TOTAL U.S.** | 224,041 | 97,616 | 88,514 | 37,911 | 7,099 | 35,274 | 122,852 | 48,037 | 105,415 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| JUL. 8, 1983 | 224,715● | 97,139● | 88,571 | 39,005 | 7,370 | 34,651 | 119,919 | 46,129 | 105,644 |
| JUL. 16, 1982 | 224,738 | N/A | 90,852 | N/A | 5,845 | 35,014 | 137,595 | 60,187 | 119,036 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| JUL. 15, 1983 | 196,453 | 88,354 | 77,552 | 30,547 | 5,353 | 28,780 | 111,808 | 39,765 | 80,398 |
| JUL. 8, 1983 | 197,215● | 87,528● | 77,818 | 31,869 | 5,664 | 28,608 | 109,170 | 37,897 | 80,373 |
| JUL. 16, 1982 | 198,065 | N/A | 81,055 | N/A | 4,440 | 28,923 | 126,592 | 50,535 | 93,603 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● SEE REVISIONS ON PAGE 7

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | API Monthly | Latest Dept. of Energy *FEB* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUL.* 15, 1983 | 5,885.9 | 5,920.0 | 2,981 | 230 | 262,655 |
| *JUL.* 8, 1983 | 5,885.9 | -- | 3,427 | 196 | 262,960● |
| *JUL.* 1, 1983 | 5,893.5 | -- | 3,459 | 215 | 264,781 |
| *JUN.* 24, 1983 | 5,893.5 | -- | 2,995 | 299 | 265,519 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUL.* 15, 1983 | 2,812.5 | 2,821.0 | 303 | -- | 80,203 * |
| *JUL.* 8, 1983 | 2,812.5 | -- | 205 | 8 | 83,232 |
| *JUL.* 1, 1983 | 2,794.0 | -- | 282 | -- | 86,004 |
| *JUN.* 24, 1983 | 2,794.0 | -- | 381 | 7 | 86,610 |

**INCLUDES* 22,606 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *JUL.* 15, 1983 | 8,698.4 | 8,741.0 | 3,284 | 230 | 342,858 * |
| *JUL.* 8, 1983 | 8,698.4 | -- | 3,632 | 204 | 346,192● |
| *JUL.* 1, 1983 | 8,687.5 | -- | 3,741 | 215 | 350,785 |
| *JUN.* 24, 1983 | 8,687.5 | -- | 3,376 | 306 | 352,129 |
| *JUL.* 16, 1982 | 8,656.1*/A* | -- | 4,072 | 174 | 344,244 |

*/A DOE ACTUAL FOR JULY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JUL.* 15, 1983 | 16,462 | 77,290 | 154,906 | 13,997 | 262,655 | 80,203 * | 342,858 * |
| *JUL.* 8, 1983 | 15,442 | 77,570● | 155,812 | 14,136 | 262,960● | 83,232 | 346,192● |
| *JUL.* 16, 1982 | 18,769 | 71,146 | 157,251 | 14,630 | 261,796 | 82,448 | 344,244 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | 77 | 1 | -- | -- | 78 |
| Central Atlantic | 234 | 76 | 158 | -- | 43 | 191 | 551 | 59 | 120 | 27 | 1,225 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 87 | -- | -- | -- | 87 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| JUL. 15, 1983 | 234 | 76 | 158 | -- | 43 | 191 | 715 | 60 | 120 | 27 | 1,390 |
| JUL. 8, 1983 | 168 | 96 | 72 | -- | -- | 260 | 577 | 9 | 41 | 113 | 1,168 |
| JUL. 1, 1983 | 192 | 104 | 88 | -- | 31 | 187 | 640 | 6 | 90 | 151 | 1,297 |
| JUN. 24, 1983 | 283 | 66 | 217 | -- | 55 | 241 | 690 | 19 | 71 | 121 | 1,480 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| JUL. 15, 1983 | 17 | 14 | 3 | -- | -- | 11 | 24 | 68 | 223 | 51 | 394 |
| JUL. 8, 1983 | 8 | 5 | 3 | -- | 4 | 4 | 39 | 67 | 123 | 49 | 294 |
| JUL. 1, 1983 | 9 | 9 | -- | -- | -- | 6 | 11 | 118 | 91 | 176 | 411 |
| JUN. 24, 1983 | 10 | 10 | -- | -- | -- | 42 | 15 | 79 | 288 | 48 | 482 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| JUL. 15, 1983 | 36 | 29 | 7 | -- | -- | 5 | 17 | 16 | -- | 10 | 84 |
| JUL. 8, 1983 | 32 | 25 | 7 | -- | -- | 5 | 18 | 15 | -- | -- | 70 |
| JUL. 1, 1983 | 38 | 30 | 8 | -- | 2 | 17 | 17 | 16 | 34 | 6 | 130 |
| JUN. 24, 1983 | 39 | 32 | 7 | -- | -- | 7 | 17 | 19 | 58 | 62 | 202 |
| **TOTAL U.S.** | 287 | 119 | 168 | -- | 43 | 207 | 756 | 144 | 343 | 88 | 1,868 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | | | |
| JUL. 8, 1983 | 208 | 126 | 82 | -- | 4 | 269 | 634 | 91 | 164 | 162 | 1,532 |
| JUL. 1, 1983 | 239 | 143 | 96 | -- | 33 | 210 | 668 | 140 | 215 | 333 | 1,838 |
| JUN. 24, 1983 | 332 | 108 | 224 | -- | 55 | 290 | 722 | 117 | 417 | 231 | 2,164 |
| JUL. 16, 1982 | 259 | N/A | 67 | -- | 16 | 66 | 544 | 165 | 182 | 89 | 1,321 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4--Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

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## *REVISIONS*

| | | | | |
|---|---|---|---|---|
| 7/08/83 | *PAGE* 1 | *OPERABLE CAPACITY* | *EAST COAST* | 1,229 |
| | | | *DISTRICT* 1 *TOTAL* | 1,406 |
| | | | *IND., ILL., KY.* | 2,345 |
| | | | *OKLA., KANS., MO.* | 827 |
| | | | *DISTRICT* 2 *TOTAL* | 3,534 |
| | | | *INLAND TEXAS* | 585 |
| | | | *TEXAS GULF COAST* | 3,907 |
| | | | *DISTRICT* 3 *TOTAL* | 7,758 |
| | | | *TOTAL U.S.* | 16,294 |
| | | | *DISTRICTS* 1-4 | 13,234 |
| | | o/o *OPERATED* | *EAST COAST* | 89.1 |
| | | | *DISTRICT* 1 *TOTAL* | 81.5 |
| | | | *IND., ILL., KY.* | 81.2 |
| | | | *OKLA., KANS., MO.* | 80.3 |
| | | | *DISTRICT* 2 *TOTAL* | 81.8 |
| | | | *INLAND TEXAS* | 81.7 |
| | | | *TEXAS GULF COAST* | 77.1 |
| | | | *DISTRICT* 3 *TOTAL* | 72.8 |
| | | | *TOTAL U.S.* | 76.6 |
| | | | *DISTRICTS* 1-4 | 76.6 |
| | *PAGE* 2 | *KEROSINE JET* | *TEXAS GULF COAST* | 150 |
| | | | *DISTRICT* 3 *TOTAL* | 351 |
| | | | *TOTAL U.S.* | 762 |
| | | | *DISTRICTS* 1-4 | 508 |
| | | *DISTILLATE FUEL* | *TEXAS GULF COAST* | 619 |
| | | | *DISTRICT* 3 *TOTAL* | 1,188 |
| | | | *TOTAL U.S.* | 2,594 |
| | | | *DISTRICTS* 1-4 | 2,233 |
| | *PAGE* 3 | *TOTAL MGAS* | *DISTRICT* 2 *TOTAL* | 64,458 |
| | | | *TOTAL U.S.* | 224,715 |
| | | | *DISTRICTS* 1-4 | 197,215 |
| | | *LEADED MGAS* | *DISTRICT* 2 *TOTAL* | 29,317 |
| | | | *TOTAL U.S.* | 97,139 |
| | | | *DISTRICTS* 1-4 | 87,528 |
| | *PAGE* 4 *TOP* | *CRUDE OIL STOCKS* | *DISTRICTS* 1-4 *TOTAL* | 262,960 |
| | | | *TOTAL U.S.* | 346,192 |

## REVISIONS

| | | | | |
|---|---|---|---|---|
| PAGE 4 | BOTTOM | TOTAL | PAD DISTRICT 2 | 77,570 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 262,960 |
| | | TOTAL | TOTAL U.S. | 346,192 |

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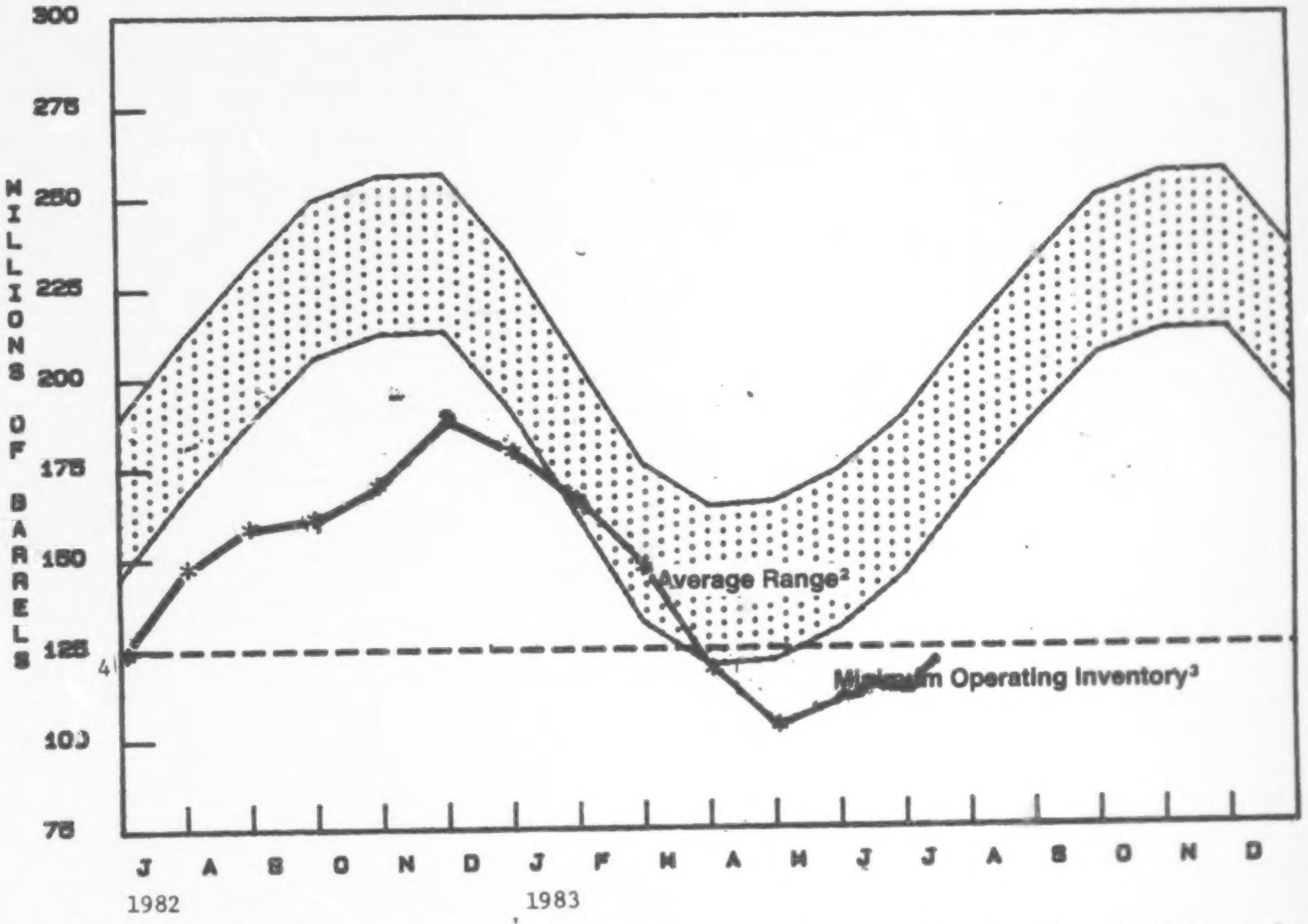
## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

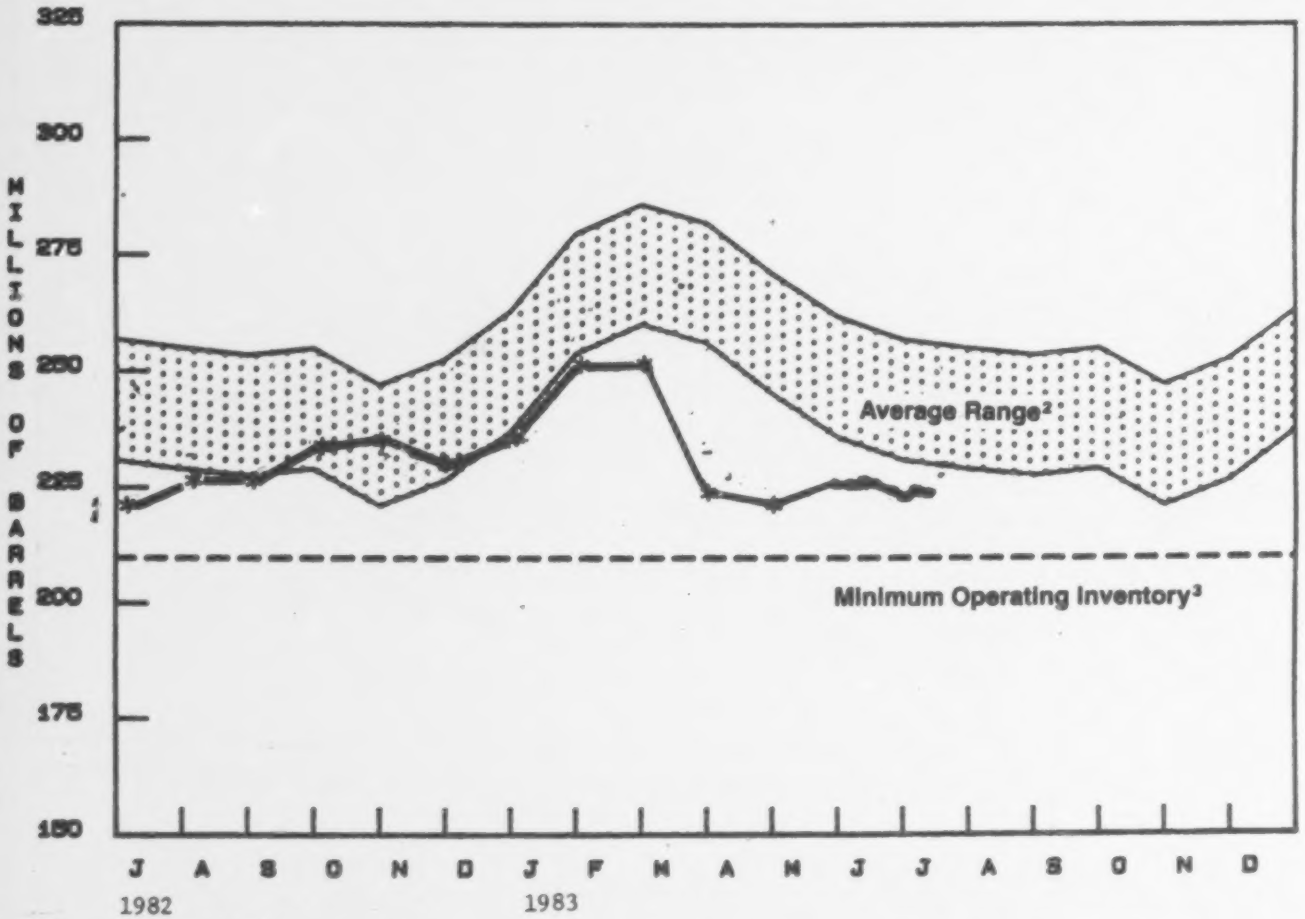
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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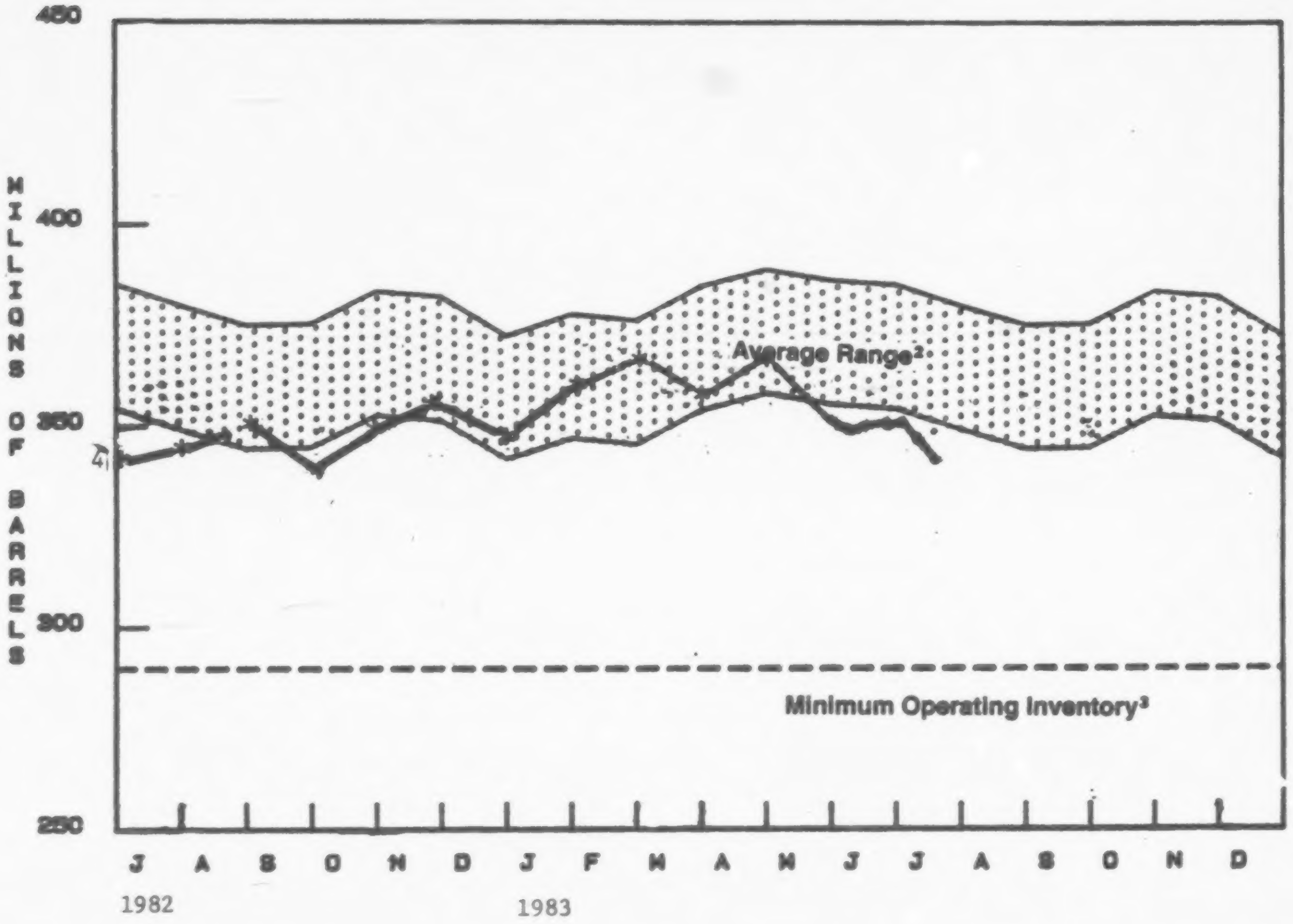
## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

7/29/83 A2575-1 A

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 64 **For Week Ended** *JULY* 22, 1983 **NO.** 29

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 07/22/83 | Last Week Ending: 07/15/83 | Last Year Week Ending: 07/23/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,676 | 12,425 | 12,814 | + 251 | - 138 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 77.8 | 76.3 | 73.7 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,862 | 6,726 | 6,807 | + 136 | + 55 |
| Finished leaded motor gasoline production | 3,054 | 2,932 | *N/A* | + 122 | *N/A* |
| Finished unleaded motor gasoline production | 3,808 | 3,794 | *N/A* | + 14 | *N/A* |
| Total motor gasoline stocks | 223,081 | 224,041 | 226,461 | - 960 | - 3,380 |
| Finished leaded motor gasoline stocks | 97,239 | 97,616 | *N/A* | - 377 | *N/A* |
| Finished unleaded motor gasoline stocks | 87,604 | 88,514 | 89,863 | - 910 | - 2,259 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,472 | 2,544 | 2,813 | - 72 | - 341 |
| Distillate fuel oil stocks | 124,947 | 122,852 | 141,936 | + 2,095 | - 16,989 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 830 | 810 | 1,137 | + 20 | - 307 |
| Residual fuel oil stocks | 48,890 | 47,845 | 59,031 | + 1,045 | - 10,141 |
| Imports | | | | | |
| Crude oil imports | 3,903 | 3,310 | 4,443 | + 593 | - 540 |
| Product imports | 1,611 | 1,868 | 1,223 | - 257 | + 388 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 345,239 | 343,426 | 345,610 | + 1,813 | - 371 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** JULY 22, 1983 **NO.** 29

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,141 | 1,062 | 1,094 | 1,229 | 89.0 |
| Appal. No. 1 | 70 | 69 | 70 | 177 | 39.5 |
| **DISTRICT 1 TOTAL** | 1,211 | 1,131 | 1,164 | 1,406 | 82.8 |
| Appal. No. 2 | 33 | 31 | 33 | 66 | 50.0 |
| Ind., Ill., Ky. | 1,986 | 1,856 | 1,900 | 2,345 | 81.0 |
| Minn., Wis., Daks. | 288 | 277 | 286 | 296 | 96.6 |
| Okla., Kans., Mo. | 693 | 624 | 637 | 827 | 77.0 |
| **DISTRICT 2 TOTAL** | 3,000 | 2,788 | 2,856 | 3,534 | 80.8 |
| Inland Texas | 553 | 497 | 518 | 585 | 88.5 |
| Texas Gulf Coast | 3,294 | 3,000 | 3,104 | 3,907 | 79.4 |
| La. Gulf Coast | 2,093● | 1,912● | 1,936● | 2,875 | 67.3● |
| N. La. and Ark. | 194 | 169 | 182 | 286 | 63.6 |
| New Mexico | 105 | 87 | 89 | 105 | 84.8 |
| **DISTRICT 3 TOTAL** | 6,239● | 5,665● | 5,829● | 7,758 | 75.1● |
| **DISTRICT 4 TOTAL** | 427 | 449 | 452 | 536 | 84.3 |
| **DISTRICT 5 TOTAL** | 2,371 | 2,336 | 2,375 | 3,060 | 77.6 |
| **TOTAL U.S.** | 13,248 | 12,369 | 12,676 | 16,294 | 77.8 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| JUL. 15, 1983 | 12,957● | 12,088● | 12,425● | 16,294 | 76.3● |
| JUL. 23, 1982 | 13,677 | 12,384 | 12,814 | 17,382 | 73.7 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | |
| JUL. 22, 1983 | 10,877 | 10,033 | 10,301 | 13,234 | 77.8 |
| JUL. 15, 1983 | 10,382● | 9,781● | 10,064● | 13,234 | 76.0● |
| JUL. 23, 1982 | 11,540 | 10,436 | 10,818 | 14,290 | 75.7 |

● SEE REVISIONS ON PAGE 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JULY* 22, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 570 | 240 | 330 | 23 | 32 | 239 | 103 |
| Appal. No. 1 | 32 | 17 | 15 | 2 | -- | 19 | 2 |
| **DISTRICT 1 TOTAL** | 602 | 257 | 345 | 25 | 32 | 258 | 105 |
| Appal. No. 2 | 18 | 10 | 8 | 2 | 1 | 9 | 3 |
| Ind., Ill., Ky. | 1,263 | 524 | 739 | 19 | 121 | 332 | 47 |
| Minn., Wis., Daks. | 164 | 90 | 74 | 4 | 11 | 63 | 7 |
| Okla., Kans., Mo. | 489 | 308 | 181 | 16 | 16 | 184 | 8 |
| **DISTRICT 2 TOTAL** | 1,934 | 932 | 1,002 | 41 | 149 | 588 | 65 |
| Inland Texas | 283 | 134 | 149 | 25 | 22 | 123 | 16 |
| Texas Gulf Coast | 1,639 | 676 | 963 | 60 | 185 | 564 | 277 |
| La. Gulf Coast | 1,037● | 390● | 647● | 27 | 190● | 331 | 79● |
| N. La. and Ark. | 61 | 28 | 33 | 7 | -- | 51 | 10 |
| New Mexico | 42 | 27 | 15 | 17 | 3 | 30 | 3 |
| **DISTRICT 3 TOTAL** | 3,062● | 1,255● | 1,807● | 136 | 400● | 1,099 | 385● |
| **DISTRICT 4 TOTAL** | 254 | 154 | 100 | 13 | 24 | 115 | 12 |
| **DISTRICT 5 TOTAL** | 1,010 | 456 | 554 | 48 | 243 | 412 | 263 |
| **TOTAL U.S.** | 6,862 | 3,054 | 3,808 | 263 | 848 | 2,472 | 830 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *JUL.* 15, 1983 | 6,726● | 2,932● | 3,794● | 242 | 813● | 2,544 | 810● |
| *JUL.* 23, 1982 | 6,807 | *N/A* | *N/A* | 246 | 748 | 2,813 | 1,137 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | | | |
| *JUL.* 22, 1983 | 5,852 | 2,598 | 3,254 | 215 | 605 | 2,060 | 567 |
| *JUL.* 15, 1983 | 5,673● | 2,550● | 3,123● | 184 | 553● | 2,142 | 520● |
| *JUL.* 23, 1982 | 5,794 | *N/A* | *N/A* | 177 | 567 | 2,482 | 850 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE 7.*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JULY 22, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,230 | 2,839 | 2,390 | 1 | 100 | 800 | 7,710 | 1,743 | -- |
| Central Atlantic | 28,539 | 12,072 | 12,522 | 3,945 | 457 | 4,737 | 26,146 | 19,076 | 12,404 |
| Lower Atlantic | 28,155 | 15,094 | 12,768 | 293 | 265 | 4,299 | 13,031 | 3,698 | 566 |
| **DISTRICT 1 TOTAL** | 61,924 | 30,005 | 27,680 | 4,239 | 822 | 9,836 | 46,887 | 24,517 | 12,970 |
| **DISTRICT 2 TOTAL** | 64,239 | 30,545 | 26,162 | 7,532 | 1,831 | 7,644 | 32,529 | 3,801 | 17,712 |
| **DISTRICT 3 TOTAL** | 62,333 | 23,667 | 21,705 | 16,961 | 2,318 | 10,188 | 31,013 | 11,802● | 47,439● |
| **DISTRICT 4 TOTAL** | 6,596 | 3,267 | 1,658 | 1,671 | 287 | 721 | 3,080 | 559 | 2,326 |
| **DISTRICT 5 TOTAL** | 27,989 | 9,755 | 10,399 | 7,835 | 1,731 | 6,676 | 11,438 | 8,211 | 25,469 |
| **TOTAL U.S.** | 223,081 | 97,239 | 87,604 | 38,238 | 6,989 | 35,065 | 124,947 | 48,890 | 105,916 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | | | | |
| JUL. 15, 1983 | 224,041 | 97,616 | 88,514 | 37,911 | 7,099 | 35,274 | 122,852 | 47,845● | 105,126● |
| JUL. 23, 1982 | 226,461 | N/A | 89,863 | N/A | 5,980 | 35,533 | 141,936 | 59,031 | 119,990 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | | | | | |
| JUL. 22, 1983 | 195,092 | 87,484 | 77,205 | 30,403 | 5,258 | 28,389 | 113,509 | 40,679 | 80,447 |
| JUL. 15, 1983 | 196,453 | 88,354 | 77,552 | 30,547 | 5,353 | 28,780 | 111,808 | 39,573● | 80,109● |
| JUL. 23, 1982 | 199,844 | N/A | 80,308 | N/A | 4,559 | 29,844 | 130,967 | 49,648 | 94,465 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *FEB* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUL.* 22, 1983 | 5,885.9 | 5,920.0 | 3,459 | 342 | 264,323 |
| *JUL.* 15, 1983 | 5,885.9 | -- | 3,007● | 230 | 263,223● |
| *JUL.* 8, 1983 | 5,885.9 | -- | 3,427 | 196 | 262,960 |
| *JUL.* 1, 1983 | 5,893.5 | -- | 3,459 | 215 | 264,781 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUL.* 22, 1983 | 2,812.5 | 2,821.0 | 444 | 7 | 80,916 * |
| *JUL.* 15, 1983 | 2,812.5 | -- | 303 | -- | 80,203 |
| *JUL.* 8, 1983 | 2,812.5 | -- | 205 | 8 | 83,232 |
| *JUL.* 1, 1983 | 2,794.0 | -- | 282 | -- | 86,004 |
| **INCLUDES* 25,676 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* ● | | | | | |
| **TOTAL U.S.** | | | | | |
| *JUL.* 22, 1983 | 8,698.4 | 8,741.0 | 3,903 | 349 | 345,239 * |
| *JUL.* 15, 1983 | 8,698.4 | -- | 3,310● | 230 | 343,426● |
| *JUL.* 8, 1983 | 8,698.4 | -- | 3,632 | 204 | 346,192 |
| *JUL.* 1, 1983 | 8,687.5 | -- | 3,741 | 215 | 350,785 |
| *JUL.* 23, 1982 | 8,656.1/*A* | -- | 4,443 | 204 | 345,610 |

*/A DOE ACTUAL FOR JULY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JUL.* 22, 1983 | 16,412 | 77,189 | 157,206 | 13,516 | 264,323 | 80,916 * | 345,239 * |
| *JUL.* 15, 1983 | 16,462 | 77,290 | 155,474● | 13,997 | 263,223● | 80,203 | 343,426● |
| *JUL.* 23, 1982 | 17,636 | 73,298 | 157,333 | 13,253 | 261,520 | 84,090 | 345,610 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** JULY 22, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 56 | -- | 56 | -- | -- | 53 | 11 | 11 | -- | -- | 131 |
| Central Atlantic | 60 | 60 | -- | -- | -- | 159 | 380 | -- | 10 | 102 | 711 |
| Lower Atlantic | 60 | 28 | 32 | -- | -- | -- | 154 | -- | -- | -- | 214 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| JUL. 22, 1983 | 176 | 88 | 88 | -- | -- | 212 | 545 | 11 | 10 | 102 | 1,056 |
| JUL. 15, 1983 | 234 | 76 | 158 | -- | 43 | 191 | 715 | 60 | 120 | 27 | 1,390 |
| JUL. 8, 1983 | 168 | 96 | 72 | -- | -- | 260 | 577 | 9 | 41 | 113 | 1,168 |
| JUL. 1, 1983 | 192 | 104 | 88 | -- | 31 | 187 | 640 | 6 | 90 | 151 | 1,297 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| JUL. 22, 1983 | 17 | 8 | 9 | -- | 4 | 18 | 41 | 95 | 234 | 65 | 474 |
| JUL. 15, 1983 | 17 | 14 | 3 | -- | -- | 11 | 24 | 68 | 223 | 51 | 394 |
| JUL. 8, 1983 | 8 | 5 | 3 | -- | 4 | 4 | 39 | 67 | 123 | 49 | 294 |
| JUL. 1, 1983 | 9 | 9 | -- | -- | -- | 6 | 11 | 118 | 91 | 176 | 411 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| JUL. 22, 1983 | 35 | 27 | 8 | -- | -- | 5 | 17 | 19 | -- | 5 | 81 |
| JUL. 15, 1983 | 36 | 29 | 7 | -- | -- | 5 | 17 | 16 | -- | 10 | 84 |
| JUL. 8, 1983 | 32 | 25 | 7 | -- | -- | 5 | 18 | 15 | -- | -- | 70 |
| JUL. 1, 1983 | 38 | 30 | 8 | -- | 2 | 17 | 17 | 16 | 34 | 6 | 130 |
| **TOTAL U.S.** | 228 | 123 | 105 | -- | 4 | 235 | 603 | 125 | 244 | 172 | 1,611 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| JUL. 15, 1983 | 287 | 119 | 168 | -- | 43 | 207 | 756 | 144 | 343 | 88 | 1,868 |
| JUL. 8, 1983 | 208 | 126 | 82 | -- | 4 | 269 | 634 | 91 | 164 | 162 | 1,532 |
| JUL. 1, 1983 | 239 | 143 | 96 | -- | 33 | 210 | 668 | 140 | 215 | 333 | 1,838 |
| JUL. 23, 1982 | 161 | N/A | 65 | -- | 14 | 232 | 462 | 179 | 156 | 19 | 1,223 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

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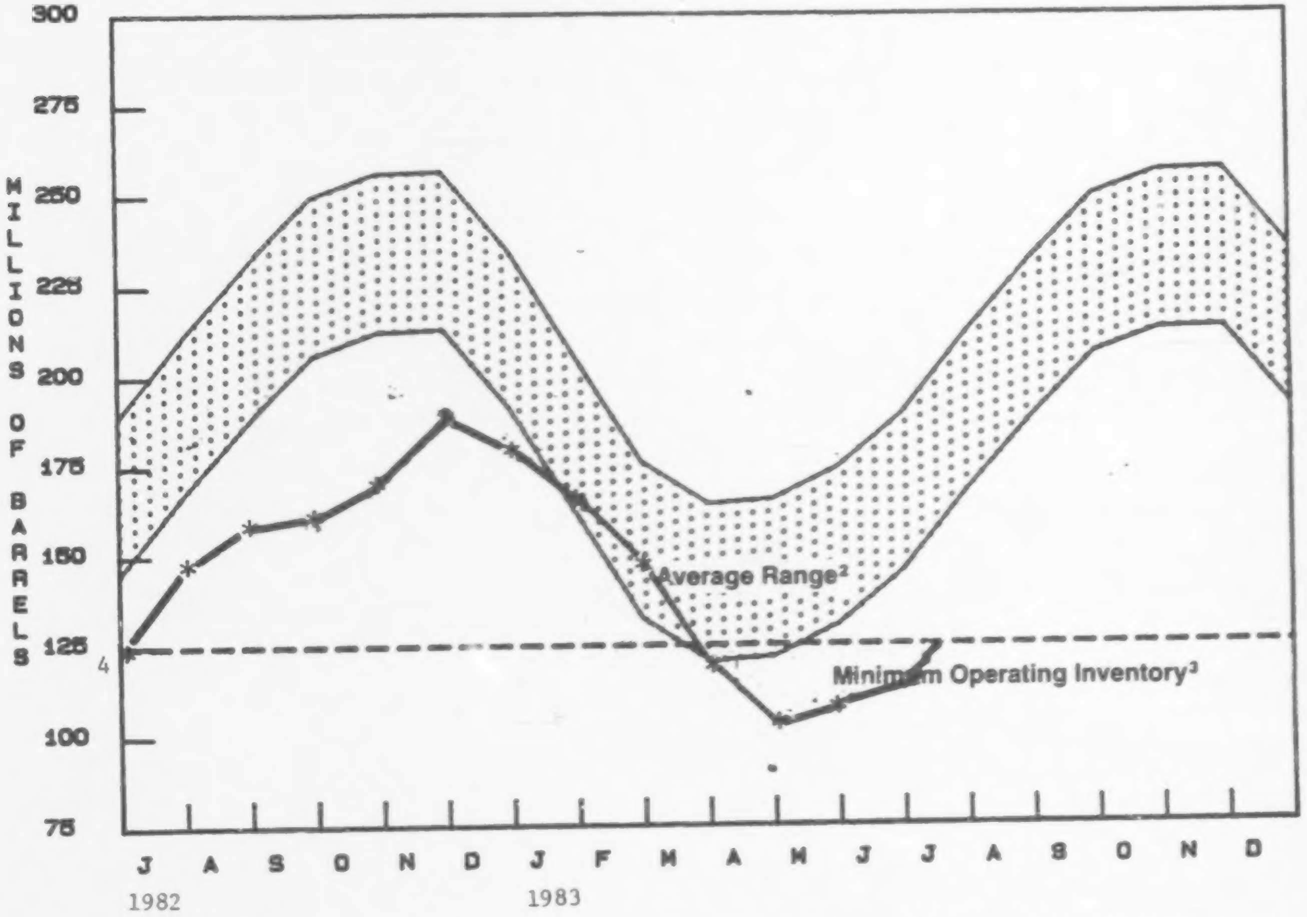
## REVISIONS

| | | | | |
|---|---|---|---|---|
| 7/15/83 | PAGE 1 | TOTAL REFINERY INPUT | LA. GULF COAST | 1,962 |
| | | | DISTRICT 3 TOTAL | 5,890 |
| | | | TOTAL U.S. | 12,957 |
| | | | DISTRICTS 1-4 | 10,382 |
| | | CRUDE OIL RUNS | LA. GULF COAST | 1,843 |
| | | | DISTRICT 3 TOTAL | 5,457 |
| | | | TOTAL U.S. | 12,088 |
| | | | DISTRICTS 1-4 | 9,781 |
| | | INPUT TO CRUDE OIL | LA. GULF COAST | 1,880 |
| | | | DISTRICT 3 TOTAL | 5,638 |
| | | | TOTAL U.S. | 12,425 |
| | | | DISTRICTS 1-4 | 10,064 |
| | | O/O OPERATED | LA. GULF COAST | 65.4 |
| | | | DISTRICT 3 TOTAL | 72.7 |
| | | | TOTAL U.S. | 76.3 |
| | | | DISTRICTS 1-4 | 76.0 |
| | PAGE 2 | TOTAL MGAS | LA. GULF COAST | 897 |
| | | | DISTRICT 3 TOTAL | 2,875 |
| | | | TOTAL U.S. | 6,726 |
| | | | DISTRICTS 1-4 | 5,673 |
| | | LEADED MGAS | LA. GULF COAST | 311 |
| | | | DISTRICT 3 TOTAL | 1,220 |
| | | | TOTAL U.S. | 2,932 |
| | | | DISTRICTS 1-4 | 2,550 |
| | | UNLEADED MGAS | LA. GULF COAST | 586 |
| | | | DISTRICT 3 TOTAL | 1,655 |
| | | | TOTAL U.S. | 3,794 |
| | | | DISTRICTS 1-4 | 3,123 |
| | | KEROSINE JET | LA. GULF COAST | 187 |
| | | | DISTRICT 3 TOTAL | 397 |
| | | | TOTAL U.S. | 813 |
| | | | DISTRICTS 1-4 | 553 |
| | | RESIDUAL FUEL | LA. GULF COAST | 74 |
| | | | DISTRICT 3 TOTAL | 341 |
| | | | TOTAL U.S. | 810 |
| | | | DISTRICTS 1-4 | 520 |
| | PAGE 3 | RESIDUAL FUEL | DISTRICT 3 TOTAL | 10,827 |
| | | | TOTAL U.S. | 47,845 |

REVISIONS

| | | | | |
|---|---|---|---|---|
| | | UNFINISHED OILS | DISTRICTS 1-4 | 39,573 |
| | | | DISTRICT 3 TOTAL | 47,514 |
| | | | TOTAL U.S. | 105,126 |
| | | | DISTRICTS 1-4 | 80,109 |
| PAGE 4 | TOP | TOTAL CRUDE OIL IMPORTS | DISTRICTS 1-4 TOTAL | 3,007 |
| | | | TOTAL U.S. | 3,310 |
| | | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 263,223 |
| | | | TOTAL U.S. | 343,426 |
| | | ALASKAN CRUDE OIL | DISTRICT 5 TOTAL | 24,165 |
| PAGE 4 | BOTTOM | TOTAL | PAD DISTRICT 3 | 155,474 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 263,223 |
| | | TOTAL | TOTAL U.S. | 343,426 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

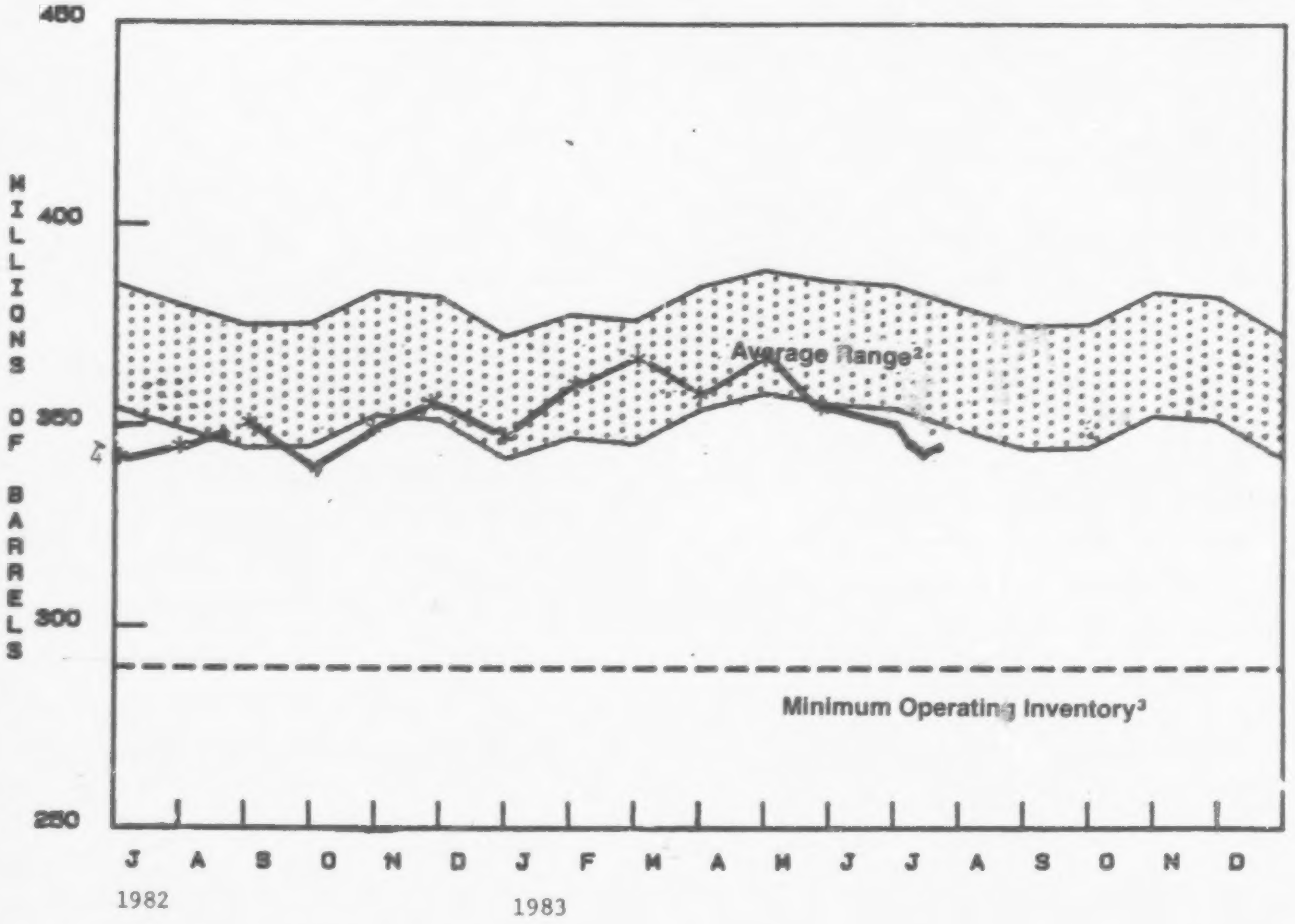
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended July 22, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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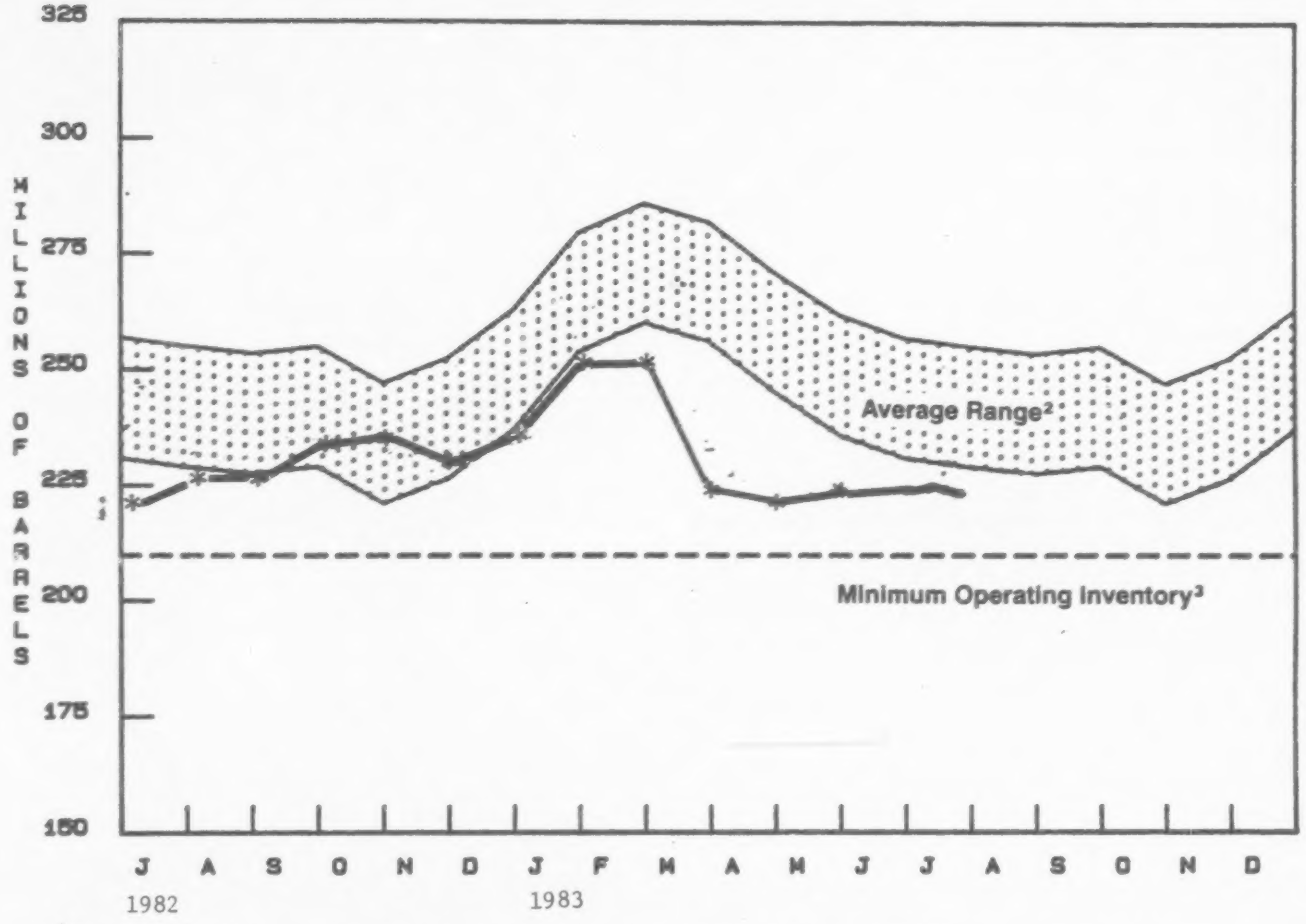
Week Ended July 22, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

8/5/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** JULY 29, 1983 **NO.** 30

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 07/29/83 | Last Week Ending: 07/22/83 | Last Year Week Ending: 07/30/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,755 | 12,676 | 12,764 | + 79 | - 9 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 78.3 | 77.8 | 73.4 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,685 | 6,862 | 6,902 | - 177 | - 217 |
| Finished leaded motor gasoline production | 3,027 | 3,054 | *N/A* | - 27 | *N/A* |
| Finished unleaded motor gasoline production | 3,658 | 3,808 | *N/A* | - 150 | *N/A* |
| Total motor gasoline stocks | 226,810 | 223,193 | 226,613 | + 3,617 | + 197 |
| Finished leaded motor gasoline stocks | 98,614 | 97,239 | *N/A* | + 1,375 | *N/A* |
| Finished unleaded motor gasoline stocks | 89,950 | 87,604 | 92,221 | + 2,346 | - 2,271 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,631 | 2,498 | 2,690 | + 133 | - 59 |
| Distillate fuel oil stocks | 128,464 | 124,896 | 145,635 | + 3,568 | - 17,171 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 780 | 830 | 1,054 | - 50 | - 274 |
| Residual fuel oil stocks | 48,581 | 49,262 | 56,250 | - 681 | - 7,669 |
| Imports | | | | | |
| Crude oil imports | 4,150 | 3,903 | 3,859 | + 247 | + 291 |
| Product imports | 1,639 | 1,611 | 1,461 | + 28 | + 178 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 347,918 | 345,239 | 345,604 | + 2,679 | + 2,314 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *JULY* 29, 1983 **NO.** 30

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,085 | 1,028 | 1,072 | 1,229 | 87.2 |
| Appal. No. 1 | 79 | 80 | 80 | 177 | 45.2 |
| **DISTRICT 1 TOTAL** | 1,164 | 1,108 | 1,152 | 1,406 | 81.9 |
| Appal. No. 2 | 66 | 63 | 66 | 66 | 100.0 |
| Ind., Ill., Ky. | 2,012● | 1,855 | 1,915 | 2,345 | 81.7 |
| Minn., Wis., Daks. | 295 | 285 | 293 | 296 | 99.0 |
| Okla., Kans., Mo. | 714 | 674 | 698 | 827 | 84.4 |
| **DISTRICT 2 TOTAL** | 3,087● | 2,877 | 2,972 | 3,534 | 84.1 |
| Inland Texas | 543 | 499 | 522 | 585 | 89.2 |
| Texas Gulf Coast | 3,404 | 3,164 | 3,251 | 3,907 | 83.2 |
| La. Gulf Coast | 1,967 | 1,769 | 1,796 | 2,875 | 62.5 |
| N. La. and Ark. | 188 | 168 | 177 | 286 | 61.9 |
| New Mexico | 104 | 85 | 86 | 105 | 81.9 |
| **DISTRICT 3 TOTAL** | 6,206 | 5,685 | 5,832 | 7,758 | 75.2 |
| **DISTRICT 4 TOTAL** | 416 | 451 | 458 | 536 | 85.4 |
| **DISTRICT 5 TOTAL** | 2,344 | 2,331 | 2,341 | 3,060 | 76.5 |
| **TOTAL U.S.** | 13,217 | 12,452 | 12,755 | 16,294 | 78.3 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | |
| *JUL.* 22, 1983 | 13,219● | 12,369 | 12,676 | 16,294 | 77.8 |
| *JUL.* 30, 1982 | 13,756 | 12,389 | 12,764 | 17,382 | 73.4 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | |
| *JUL.* 29, 1983 | 10,873 | 10,121 | 10,414 | 13,234 | 78.7 |
| *JUL.* 22, 1983 | 10,848● | 10,033 | 10,301 | 13,234 | 77.8 |
| *JUL.* 30, 1982 | 11,502 | 10,353 | 10,666 | 14,290 | 74.6 |

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *JULY* 29, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 510 | 184 | 326 | 18 | 35 | 238 | 98 |
| Appal. No. 1 | 29 | 9 | 20 | 1 | -- | 22 | 3 |
| **DISTRICT 1 TOTAL** | 539 | 193 | 346 | 19 | 35 | 260 | 101 |
| Appal. No. 2 | 37 | 21 | 16 | 1 | 2 | 16 | 2 |
| Ind., Ill., Ky. | 1,152 | 541 | 611 | 8 | 70 | 361 | 40 |
| Minn., Wis., Daks. | 160 | 100 | 60 | 2 | 11 | 66 | 7 |
| Okla., Kans., Mo. | 498 | 286 | 212 | 10 | 5 | 167 | 7 |
| **DISTRICT 2 TOTAL** | 1,847 | 948 | 899 | 21 | 88 | 610 | 56 |
| Inland Texas | 288 | 137 | 151 | 24 | 21 | 128 | 14 |
| Texas Gulf Coast | 1,545 | 628 | 917 | 28 | 168 | 696● | 212 |
| La. Gulf Coast | 992 | 421 | 571 | 29 | 172 | 344 | 58 |
| N. La. and Ark. | 58 | 22 | 36 | 7 | -- | 45 | 9 |
| New Mexico | 40 | 21 | 19 | 15 | 3 | 26 | 15 |
| **DISTRICT 3 TOTAL** | 2,923 | 1,229 | 1,694 | 103 | 364 | 1,239● | 308 |
| **DISTRICT 4 TOTAL** | 248 | 152 | 96 | 11 | 17 | 130 | 10 |
| **DISTRICT 5 TOTAL** | 1,128 | 505 | 623 | 38 | 235 | 392 | 305 |
| **TOTAL U.S.** | 6,685 | 3,027 | 3,658 | 192 | 739 | 2,631 | 780 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *JUL.* 22, 1983 | 6,862 | 3,054 | 3,808 | 263 | 848 | 2,498● | 830 |
| *JUL.* 30, 1982 | 6,902 | *N/A* | *N/A* | 219 | 841 | 2,690 | 1,054 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| *JUL.* 29, 1983 | 5,557 | 2,522 | 3,035 | 154 | 504 | 2,239 | 475 |
| *JUL.* 22, 1983 | 5,852 | 2,598 | 3,254 | 215 | 605 | 2,086● | 567 |
| *JUL.* 30, 1982 | 5,865 | *N/A* | *N/A* | 159 | 594 | 2,343 | 709 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 29, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Motor Gasoline Blending Components | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| New England | 5,265 | 2,932 | 2,332 | 1 | 102 | 946 | 8,680 | 1,967 | -- |
| Central Atlantic | 29,028 | 12,371 | 12,399 | 4,258 | 340 | 4,702 | 26,497● | 17,853● | 12,638 |
| Lower Atlantic | 28,925 | 15,002 | 13,638 | 285 | 152 | 3,876 | 13,682 | 3,827 | 599 |
| **DISTRICT 1 TOTAL** | 63,218 | 30,305 | 28,369 | 4,544 | 594 | 9,524 | 48,859● | 23,647● | 13,237 |
| **DISTRICT 2 TOTAL** | 63,541 | 30,646 | 25,375 | 7,520 | 1,811 | 7,612 | 32,095 | 3,837 | 17,522 |
| **DISTRICT 3 TOTAL** | 64,290● | 24,320 | 23,169 | 16,801● | 2,827 | 9,446 | 32,665 | 12,193 | 48,095 |
| **DISTRICT 4 TOTAL** | 6,701 | 3,405 | 1,777 | 1,519 | 330 | 680 | 3,120 | 528 | 2,453 |
| **DISTRICT 5 TOTAL** | 29,060 | 9,938 | 11,260 | 7,862 | 1,640 | 6,598 | 11,725 | 8,376 | 30,382 |
| **TOTAL U.S.** | 226,810 | 98,614 | 89,950 | 38,246 | 7,202 | 33,860 | 128,464 | 48,581 | 111,689 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| *JUL.* 22, 1983 | 223,193● | 97,239 | 87,604 | 38,350● | 6,989 | 35,065 | 124,896● | 49,262● | 105,916 |
| *JUL.* 30, 1982 | 226,613 | *N/A* | 92,221 | *N/A* | 6,006 | 35,625 | 145,635 | 56,250 | 118,316 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | | | | | |
| *JUL.* 29, 1983 | 197,750 | 88,676 | 78,690 | 30,384 | 5,562 | 27,262 | 116,739 | 40,205 | 81,307 |
| *JUL.* 22, 1983 | 195,204● | 87,484 | 77,205 | 30,515● | 5,258 | 28,389 | 113,458● | 41,051● | 80,447 |
| *JUL.* 30, 1982 | 199,961 | *N/A* | 82,269 | *N/A* | 4,533 | 29,260 | 135,167 | 47,097 | 93,543 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | | | |
|---|---|---|---|---|---|
| | | | Crude Oil Imports[1] | | |
| **Weeks Ended:** | API Monthly | Latest Dept. of Energy *MAR* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *JUL*. 29, 1983 | 5,885.9 | 5,794.0 | 3,811 | 278 | 261,234 |
| *JUL*. 22, 1983 | 5,885.9 | -- | 3,459 | 342 | 264,323 |
| *JUL*. 15, 1983 | 5,885.9 | -- | 3,007 | 230 | 263,223 |
| *JUL*. 8, 1983 | 5,885.9 | -- | 3,427 | 196 | 262,960 |
| **DISTRICT 5 TOTAL** | | | | | |
| *JUL*. 29, 1983 | 2,812.5 | 2,900.0 | 339 | 7 | 86,684 * |
| *JUL*. 22, 1983 | 2,812.5 | -- | 444 | 7 | 80,916 |
| *JUL*. 15, 1983 | 2,812.5 | -- | 303 | -- | 80,203 |
| *JUL*. 8, 1983 | 2,812.5 | -- | 205 | 8 | 83,232 |
| **TOTAL U.S.** | | | | | |
| *JUL*. 29, 1983 | 8,698.4 | 8,694.0 | 4,150 | 285 | 347,918 * |
| *JUL*. 22, 1983 | 8,698.4 | -- | 3,903 | 349 | 345,239 |
| *JUL*. 15, 1983 | 8,698.4 | -- | 3,310 | 230 | 343,426 |
| *JUL*. 8, 1983 | 8,698.4 | -- | 3,632 | 204 | 346,192 |
| *JUL*. 30, 1982 | 8,656.1/*A* | -- | 3,859 | 176 | 345,604 |

**INCLUDES* 29,990 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR JULY* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| **Location** | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *JUL*. 29, 1983 | 16,213 | 82,914 | 148,622 | 13,485 | 261,234 | 86,684 * | 347,918 * |
| *JUL*. 22, 1983 | 16,412 | 77,189 | 157,206 | 13,516 | 264,323 | 80,916 | 345,239 |
| *JUL*. 30, 1982 | 16,952 | 73,446 | 155,838 | 14,136 | 260,372 | 85,232 | 345,604 |

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[1] See definitional notes, Page 6.

**Week Ended** JULY 29, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 11 | 11 | -- | -- | -- | 73 | 134 | 5 | -- | -- | 223 |
| Central Atlantic | 223 | 94 | 129 | -- | 20 | 147 | 336 | 6 | 12 | 78 | 822 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 204 | -- | -- | -- | 204 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| JUL. 29, 1983 | 234 | 105 | 129 | -- | 20 | 220 | 674 | 11 | 12 | 78 | 1,249 |
| JUL. 22, 1983 | 176 | 88 | 88 | -- | -- | 212 | 545 | 11 | 10 | 102 | 1,056 |
| JUL. 15, 1983 | 234 | 76 | 158 | -- | 43 | 191 | 715 | 60 | 120 | 27 | 1,390 |
| JUL. 8, 1983 | 168 | 96 | 72 | -- | -- | 260 | 577 | 9 | 41 | 113 | 1,168 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| JUL. 29, 1983 | -- | -- | -- | -- | 4 | 4 | 19 | 159 | 102 | 12 | 300 |
| JUL. 22, 1983 | 17 | 8 | 9 | -- | 4 | 18 | 41 | 95 | 234 | 65 | 474 |
| JUL. 15, 1983 | 17 | 14 | 3 | -- | -- | 11 | 24 | 68 | 223 | 51 | 394 |
| JUL. 8, 1983 | 8 | 5 | 3 | -- | 4 | 4 | 39 | 67 | 123 | 49 | 294 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| JUL. 29, 1983 | 44 | 37 | 7 | -- | 1 | 5 | 16 | 16 | 3 | 5 | 90 |
| JUL. 22, 1983 | 35 | 27 | 8 | -- | -- | 5 | 17 | 19 | -- | 5 | 81 |
| JUL. 15, 1983 | 36 | 29 | 7 | -- | -- | 5 | 17 | 16 | -- | 10 | 84 |
| JUL. 8, 1983 | 32 | 25 | 7 | -- | -- | 5 | 18 | 15 | -- | -- | 70 |
| **TOTAL U.S.** | 278 | 142 | 136 | -- | 25 | 229 | 709 | 186 | 117 | 95 | 1,639 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | | | | | |
| JUL. 22, 1983 | 228 | 123 | 105 | -- | 4 | 235 | 603 | 125 | 244 | 172 | 1,611 |
| JUL. 15, 1983 | 287 | 119 | 168 | -- | 43 | 207 | 756 | 144 | 343 | 88 | 1,868 |
| JUL. 8, 1983 | 208 | 126 | 82 | -- | 4 | 269 | 634 | 91 | 164 | 162 | 1,532 |
| JUL. 30, 1982 | 179 | N/A | 63 | 4 | 20 | 102 | 687 | 210 | 202 | 49 | 1,461 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

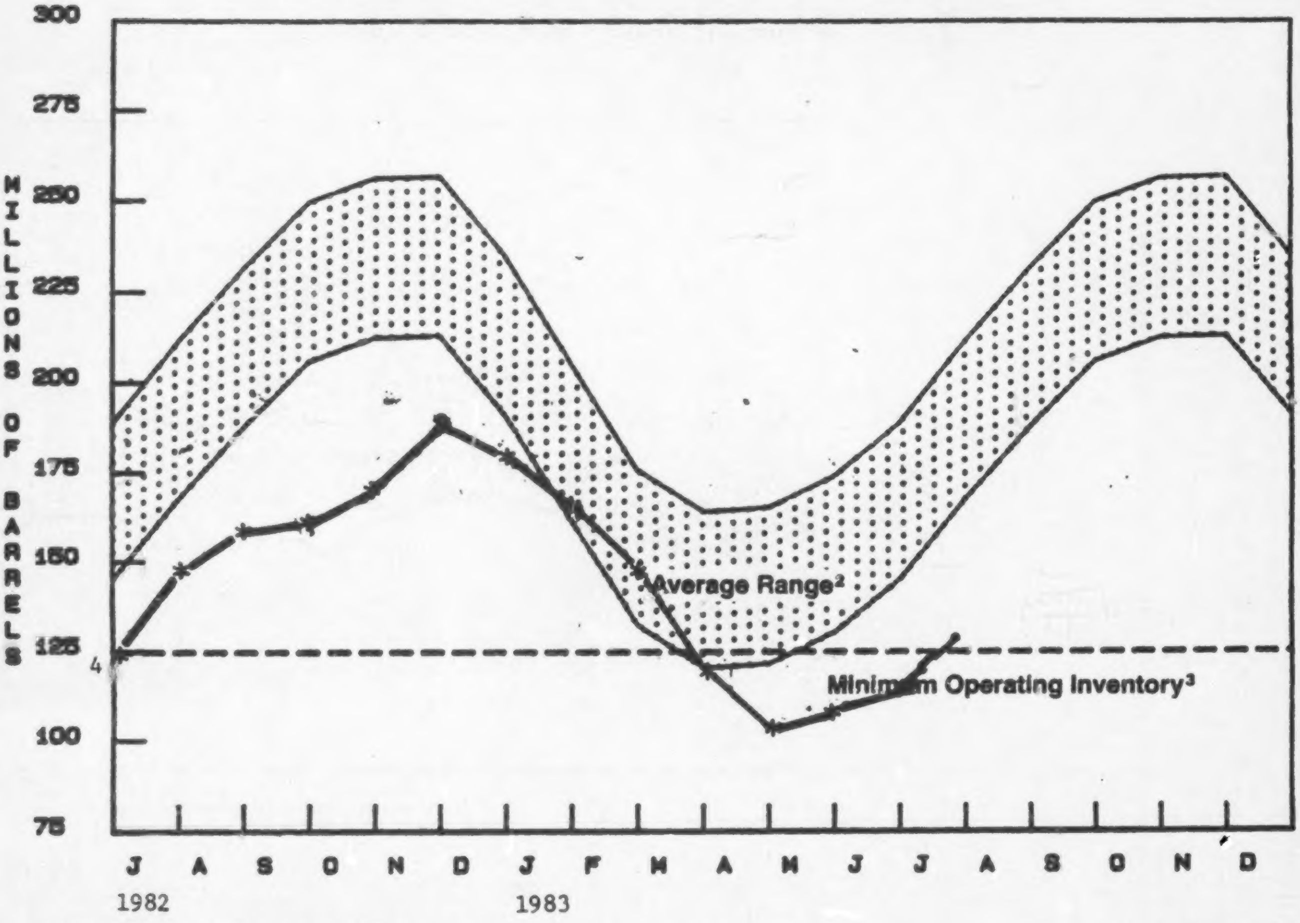
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 7/22/83 | PAGE 1 | TOTAL REFINERY INPUT | IND., ILL., KY. | 1,957 |
| | | | DISTRICT 2 TOTAL | 2,971 |
| | | | TOTAL U.S. | 13,219 |
| | | | DISTRICTS 1-4 | 10,848 |
| | PAGE 2 | DISTILLATE FUEL | TEXAS GULF COAST | 590 |
| | | | DISTRICT 3 TOTAL | 1,125 |
| | | | TOTAL U.S. | 2,498 |
| | | | DISTRICTS 1-4 | 2,086 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 3 TOTAL | 62,445 |
| | | | TOTAL U.S. | 223,193 |
| | | | DISTRICTS 1-4 | 195,204 |
| | | BLENDING COMPS | DISTRICT 3 TOTAL | 17,073 |
| | | | TOTAL U.S. | 38,350 |
| | | | DISTRICTS 1-4 | 30,515 |
| | | DISTILLATE FUEL | CENTRAL ATLANTIC | 26,095 |
| | | | DISTRICT 1 TOTAL | 46,836 |
| | | | TOTAL U.S. | 124,896 |
| | | | DISTRICTS 1-4 | 113,458 |
| | | RESIDUAL FUEL | CENTRAL ATLANTIC | 19,448 |
| | | | DISTRICT 1 TOTAL | 24,889 |
| | | | TOTAL U.S. | 49,262 |
| | | | DISTRICTS 1-4 | 41,051 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

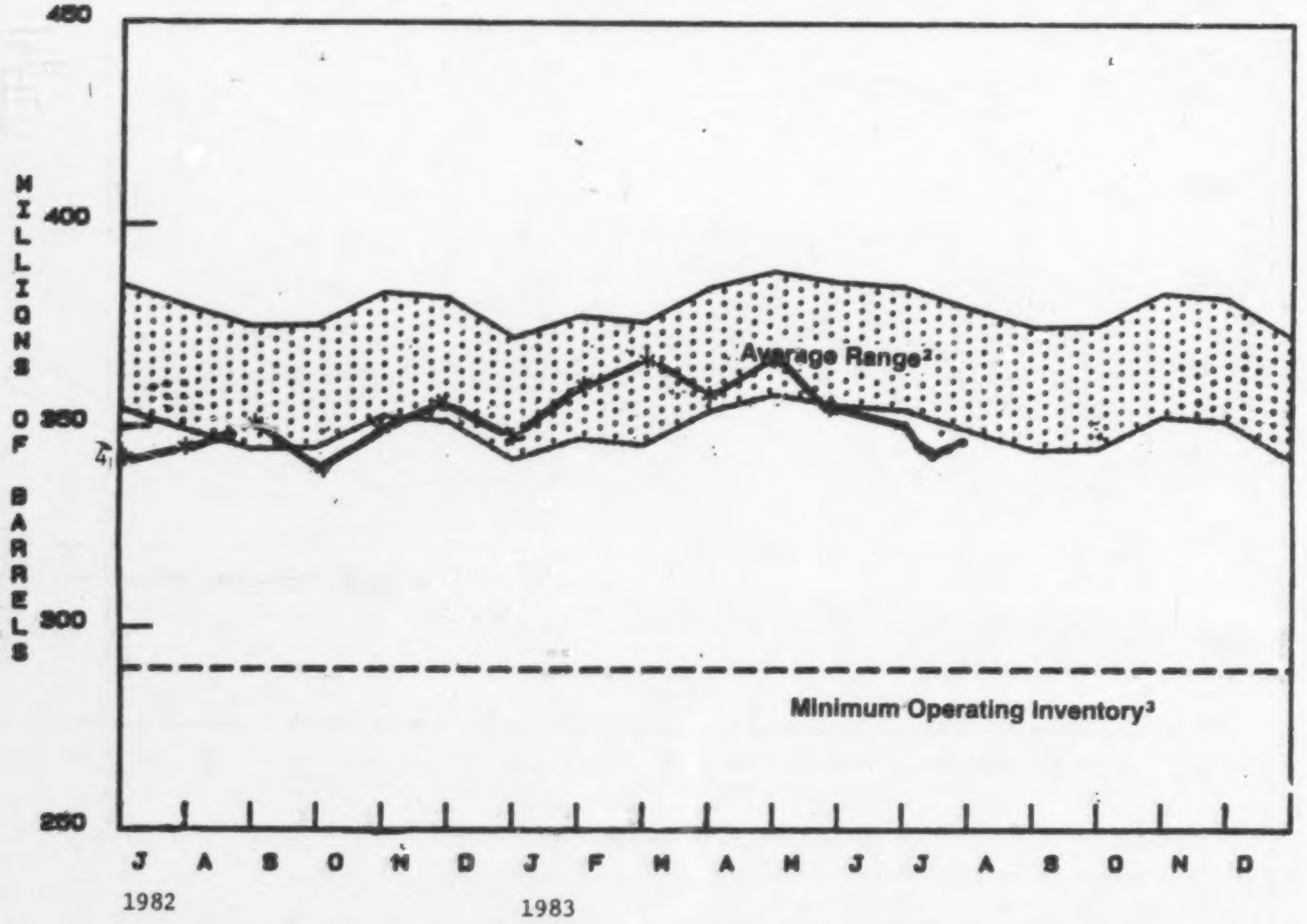
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended July 29, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

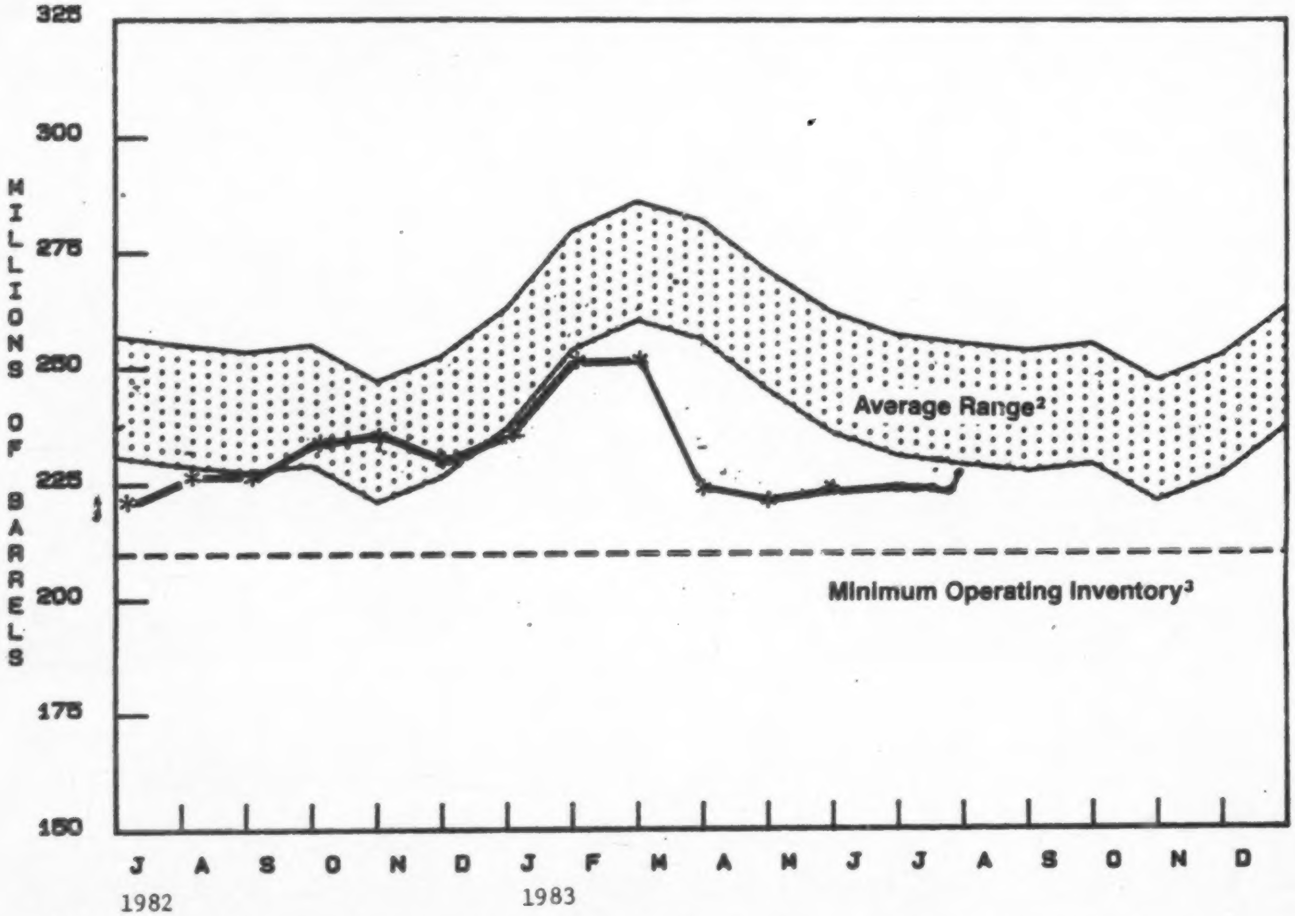
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1][5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

8/15/83
AA575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *AUGUST* 5, 1983 **NO.** 31

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 08/05/83 | Last Week Ending: 07/29/83 | Last Year Week Ending: 08/06/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units | 12,666 | 12,755 | 12,560 | - 89 | + 106 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 77.7 | 78.3 | 72.3 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 6,598 | 6,685 | 6,597 | - 87 | + 1 |
| Finished leaded motor gasoline production | 2,854 | 3,027 | *N/A* | - 173 | *N/A* |
| Finished unleaded motor gasoline production | 3,744 | 3,658 | *N/A* | + 86 | *N/A* |
| Total motor gasoline stocks | 225,470 | 225,807 | 225,627 | - 337 | - 157 |
| Finished leaded motor gasoline stocks | 95,865 | 97,611 | *N/A* | - 1,746 | *N/A* |
| Finished unleaded motor gasoline stocks | 90,322 | 89,950 | 91,816 | + 372 | - 1,494 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,536 | 2,649 | 2,609 | - 113 | - 73 |
| Distillate fuel oil stocks | 128,944 | 128,464 | 150,799 | + 480 | - 21,855 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 738 | 780 | 1,134 | - 42 | - 396 |
| Residual fuel oil stocks | 47,566 | 48,581 | 55,704 | - 1,015 | - 8,138 |
| **Imports** | | | | | |
| Crude oil imports | 3,214 | 4,150 | 4,077 | - 936 | - 863 |
| Product imports | 1,760 | 1,639 | 1,428 | + 121 | + 332 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 343,976 | 347,918 | 354,005 | - 3,942 | - 10,029 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *AUGUST* 5, 1983 **NO.** 31

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,137 | 1,057 | 1,082 | 1,229 | 88.0 |
| Appal. No. 1 | 80 | 81 | 82 | 177 | 46.3 |
| **DISTRICT 1 TOTAL** | 1,217 | 1,138 | 1,164 | 1,406 | 82.8 |
| Appal. No. 2 | 67 | 64 | 67 | 66 | 101.5 |
| Ind., Ill., Ky. | 1,927 | 1,817 | 1,875 | 2,345 | 80.0 |
| Minn., Wis., Daks. | 298 | 288 | 296 | 296 | 100.0 |
| Okla., Kans., Mo. | 709 | 679 | 701 | 827 | 84.8 |
| **DISTRICT 2 TOTAL** | 3,001 | 2,848 | 2,939 | 3,534 | 83.2 |
| Inland Texas | 530 | 496 | 518 | 585 | 88.5 |
| Texas Gulf Coast | 3,414 | 3,114 | 3,250 | 3,907 | 83.2 |
| La. Gulf Coast | 1,964 | 1,784 | 1,814 | 2,875 | 63.1 |
| N. La. and Ark. | 197 | 177 | 185 | 286 | 64.7 |
| New Mexico | 97 | 81 | 81 | 105 | 77.1 |
| **DISTRICT 3 TOTAL** | 6,202 | 5,652 | 5,848 | 7,758 | 75.4 |
| **DISTRICT 4 TOTAL** | 423 | 456 | 463 | 536 | 86.4 |
| **DISTRICT 5 TOTAL** | 2,259 | 2,228 | 2,252 | 3,060 | 73.6 |
| **TOTAL U.S.** | 13,102 | 12,322 | 12,666 | 16,294 | 77.7 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| *JUL.* 29, 1983 | 13,217 | 12,452 | 12,755 | 16,294 | 78.3 |
| *AUG.* 6, 1982 | 13,504 | 12,153 | 12,560 | 17,382 | 72.3 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| *AUG.* 5, 1983 | 10,843 | 10,094 | 10,414 | 13,234 | 78.7 |
| *JUL.* 29, 1983 | 10,873 | 10,121 | 10,414 | 13,234 | 78.7 |
| *AUG.* 6, 1982 | 11,329 | 10,164 | 10,493 | 14,290 | 73.4 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 5, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 561 | 210 | 351 | 29 | 27 | 265● | 87 |
| Appal. No. 1 | 30 | 11 | 19 | 2 | -- | 19 | 2 |
| **DISTRICT 1 TOTAL** | 591 | 221 | 370 | 31 | 27 | 284● | 89 |
| Appal. No. 2 | 36 | 14 | 22 | 1 | -- | 14 | 2 |
| Ind., Ill., Ky. | 1,085 | 488 | 597 | 5 | 84 | 334 | 47 |
| Minn., Wis., Daks. | 173 | 97 | 76 | 2 | 18 | 57 | 8 |
| Okla., Kans., Mo. | 428 | 238 | 190 | 4 | 31 | 176 | 10 |
| **DISTRICT 2 TOTAL** | 1,722 | 837 | 885 | 12 | 133 | 581 | 67 |
| Inland Texas | 284 | 137 | 147 | 21 | 21 | 124 | 14 |
| Texas Gulf Coast | 1,602 | 639 | 963 | 38 | 170 | 673 | 227 |
| La. Gulf Coast | 981 | 413 | 568 | 16 | 174 | 346 | 56 |
| N. La. and Ark. | 53 | 22 | 31 | 7 | -- | 53 | 11 |
| New Mexico | 35 | 21 | 14 | 17 | 2 | 25 | 1 |
| **DISTRICT 3 TOTAL** | 2,955 | 1,232 | 1,723 | 99 | 367 | 1,221 | 309 |
| **DISTRICT 4 TOTAL** | 229 | 122 | 107 | 8 | 20 | 119 | 11 |
| **DISTRICT 5 TOTAL** | 1,101 | 442 | 659 | 43 | 234 | 331 | 262 |
| **TOTAL U.S.** | 6,598 | 2,854 | 3,744 | 193 | 781 | 2,536 | 738 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *JUL. 29, 1983* | 6,685 | 3,027 | 3,658 | 192 | 739 | 2,649● | 780 |
| *AUG. 6, 1982* | 6,597 | *N/A* | *N/A* | 203 | 808 | 2,609 | 1,134 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | | | |
| *AUG. 5, 1983* | 5,497 | 2,412 | 3,085 | 150 | 547 | 2,205 | 476 |
| *JUL. 29, 1983* | 5,557 | 2,522 | 3,035 | 154 | 504 | 2,257● | 475 |
| *AUG. 6, 1982* | 5,653 | *N/A* | *N/A* | 152 | 607 | 2,288 | 863 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 5, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline<br>Finished Leaded | Motor Gasoline<br>Finished Unleaded | Motor Gasoline<br>Blending Components | Jet Fuel<br>Naphtha Type | Jet Fuel<br>Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| New England | 5,736 | 3,107 | 2,628 | 1 | 87 | 834 | 9,002 | 1,701 | -- |
| Central Atlantic | 29,591 | 12,173 | 13,326 | 4,092 | 294 | 5,079 | 26,896 | 17,127 | 12,416 |
| Lower Atlantic | 28,194 | 14,970 | 12,909 | 315 | 115 | 3,660 | 13,964 | 3,454 | 539 |
| **DISTRICT 1 TOTAL** | 63,521 | 30,250 | 28,863 | 4,408 | 496 | 9,573 | 49,862 | 22,282 | 12,955 |
| **DISTRICT 2 TOTAL** | 61,916● | 28,566● | 25,751 | 7,599 | 1,710 | 7,540 | 32,826 | 3,846 | 17,633 |
| **DISTRICT 3 TOTAL** | 63,608 | 24,042 | 21,932 | 17,634 | 2,958 | 9,466 | 31,444 | 12,471 | 49,416 |
| **DISTRICT 4 TOTAL** | 6,364 | 2,995 | 1,715 | 1,654 | 302 | 846 | 3,349 | 530 | 2,502 |
| **DISTRICT 5 TOTAL** | 30,061 | 10,012 | 12,061 | 7,988 | 1,581 | 6,445 | 11,463 | 8,437 | 25,258● |
| **TOTAL U.S.** | 225,470 | 95,865 | 90,322 | 39,283 | 7,047 | 33,870 | 128,944 | 47,566 | 107,764 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *JUL.* 29, 1983 | 225,807● | 97,611● | 89,950 | 38,246 | 7,202 | 33,860 | 128,464 | 48,581 | 106,689● |
| *AUG.* 6, 1982 | 225,627 | *N/A* | 91,816 | *N/A* | 5,942 | 35,483 | 150,799 | 55,704 | 118,431 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *AUG.* 5, 1983 | 195,409 | 85,853 | 78,261 | 31,295 | 5,466 | 27,425 | 117,481 | 39,129 | 82,506 |
| *JUL.* 29, 1983 | 196,747● | 87,673● | 78,690 | 30,384 | 5,562 | 27,262 | 116,739 | 40,205 | 81,307 |
| *AUG.* 6, 1982 | 197,707 | *N/A* | 81,550 | *N/A* | 4,464 | 29,396 | 140,243 | 47,212 | 93,652 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy MAR 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| AUG. 5, 1983 | 5,885.9 | 5,794.0 | 2,997 | 400 | 260,744 |
| JUL. 29, 1983 | 5,885.9 | -- | 3,811 | 278 | 261,234 |
| JUL. 22, 1983 | 5,885.9 | -- | 3,459 | 342 | 264,323 |
| JUL. 15, 1983 | 5,885.9 | -- | 3,007 | 230 | 263,223 |
| **DISTRICT 5 TOTAL** | | | | | |
| AUG. 5, 1983 | 2,812.5 | 2,900.0 | 217 | 12 | 83,232 * |
| JUL. 29, 1983 | 2,812.5 | -- | 339 | 7 | 86,684 |
| JUL. 22, 1983 | 2,812.5 | -- | 444 | 7 | 80,916 |
| JUL. 15, 1983 | 2,812.5 | -- | 303 | -- | 80,203 |
| *INCLUDES 28,676 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. | | | | | |
| **TOTAL U.S.** | | | | | |
| AUG. 5, 1983 | 8,698.4 | 8,694.0 | 3,214 | 412 | 343,976 * |
| JUL. 29, 1983 | 8,698.4 | -- | 4,150 | 285 | 347,918 |
| JUL. 22, 1983 | 8,698.4 | -- | 3,903 | 349 | 345,239 |
| JUL. 15, 1983 | 8,698.4 | -- | 3,310 | 230 | 343,426 |
| AUG. 6, 1982 | 8,656.1/A | -- | 4,077 | 200 | 354,005 |

/A DOE ACTUAL FOR JULY 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| AUG. 5, 1983 | 15,171 | 77,276 | 154,785 | 13,512 | 260,744 | 83,232 * | 343,976 * |
| JUL. 29, 1983 | 16,213 | 76,935● | 154,601● | 13,485 | 261,234 | 86,684 | 347,918 |
| AUG. 6, 1982 | 19,133 | 73,571 | 156,301 | 14,022 | 263,027 | 90,978 | 354,005 |

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[1] See definitional notes, Page 6.

● SEE REVISIONS ON PAGE 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** AUGUST 5, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 40 | -- | 40 | -- | -- | -- | 88 | 5 | -- | -- | 133 |
| Central Atlantic | -- | -- | -- | -- | 5 | 196 | 539 | 6 | 119 | 156 | 1,021 |
| Lower Atlantic | 47 | 27 | 20 | -- | -- | -- | 45 | -- | -- | -- | 92 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *AUG.* 5, 1983 | 87 | 27 | 60 | -- | 5 | 196 | 672 | 11 | 119 | 156 | 1,246 |
| *JUL.* 29, 1983 | 234 | 105 | 129 | -- | 20 | 220 | 674 | 11 | 12 | 78 | 1,249 |
| *JUL.* 22, 1983 | 176 | 88 | 88 | -- | -- | 212 | 545 | 11 | 10 | 102 | 1,056 |
| *JUL.* 15, 1983 | 234 | 76 | 158 | -- | 43 | 191 | 715 | 60 | 120 | 27 | 1,390 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *AUG.* 5, 1983 | -- | -- | -- | -- | -- | 4 | 24 | 157 | 234 | 5 | 424 |
| *JUL.* 29, 1983 | -- | -- | -- | -- | 4 | 4 | 19 | 159 | 102 | 12 | 300 |
| *JUL.* 22, 1983 | 17 | 8 | 9 | -- | 4 | 18 | 41 | 95 | 234 | 65 | 474 |
| *JUL.* 15, 1983 | 17 | 14 | 3 | -- | -- | 11 | 24 | 68 | 223 | 51 | 394 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *AUG.* 5, 1983 | 30 | 23 | 7 | -- | 10 | 7 | 19 | 16 | 3 | 5 | 90 |
| *JUL.* 29, 1983 | 44 | 37 | 7 | -- | 1 | 5 | 16 | 16 | 3 | 5 | 90 |
| *JUL.* 22, 1983 | 35 | 27 | 8 | -- | -- | 5 | 17 | 19 | -- | 5 | 81 |
| *JUL.* 15, 1983 | 36 | 29 | 7 | -- | -- | 5 | 17 | 16 | -- | 10 | 84 |
| **TOTAL U.S.** | 117 | 50 | 67 | -- | 15 | 207 | 715 | 184 | 356 | 166 | 1,760 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *JUL.* 29, 1983 | 278 | 142 | 136 | -- | 25 | 229 | 709 | 186 | 117 | 95 | 1,639 |
| *JUL.* 22, 1983 | 228 | 123 | 105 | -- | 4 | 235 | 603 | 125 | 244 | 172 | 1,611 |
| *JUL.* 15, 1983 | 287 | 119 | 168 | -- | 43 | 207 | 756 | 144 | 343 | 88 | 1,868 |
| *AUG.* 6, 1982 | 192 | *N/A* | 61 | 4 | 16 | 130 | 736 | 183 | 95 | 67 | 1,428 |

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

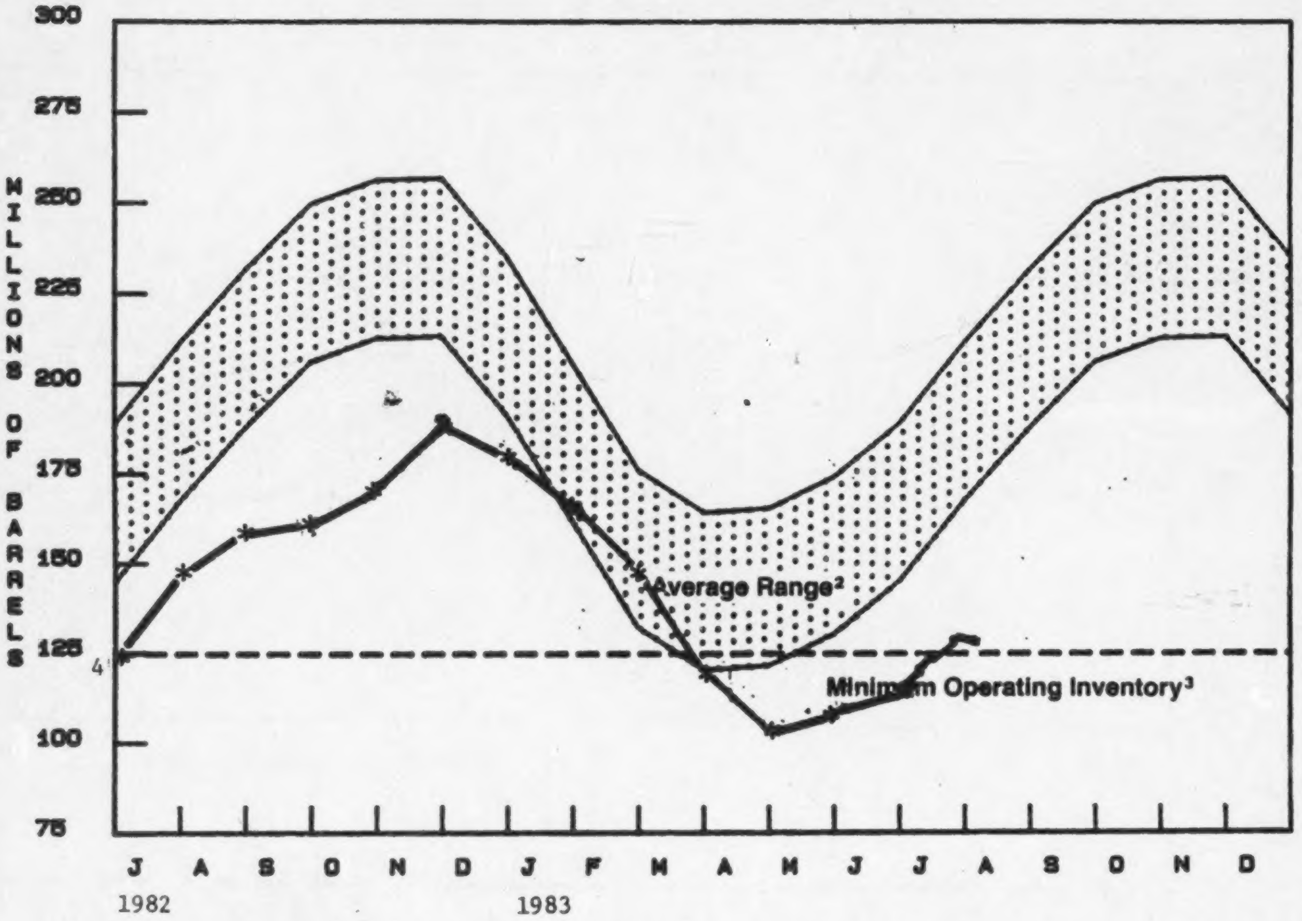
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department [illegible] ed on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 7/29/83 | PAGE 2 | DISTILLATE FUEL | EAST COAST | 256 |
| | | | DISTRICT 1 TOTAL | 278 |
| | | | TOTAL U.S. | 2,649 |
| | | | DISTRICTS 1-4 | 2,257 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 62,538 |
| | | | TOTAL U.S. | 225,807 |
| | | | DISTRICTS 1-4 | 196,747 |
| | | LEADED MGAS | DISTRICT 2 TOTAL | 29,643 |
| | | | TOTAL U.S. | 97,611 |
| | | | DISTRICTS 1-4 | 87,673 |
| | | UNFINISHED OILS | DISTRICT 5 TOTAL | 25,382 |
| | | | TOTAL U.S. | 106,689 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 2 | 76,935 |
| | | TOTAL | PAD DISTRICT 3 | 154,601 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

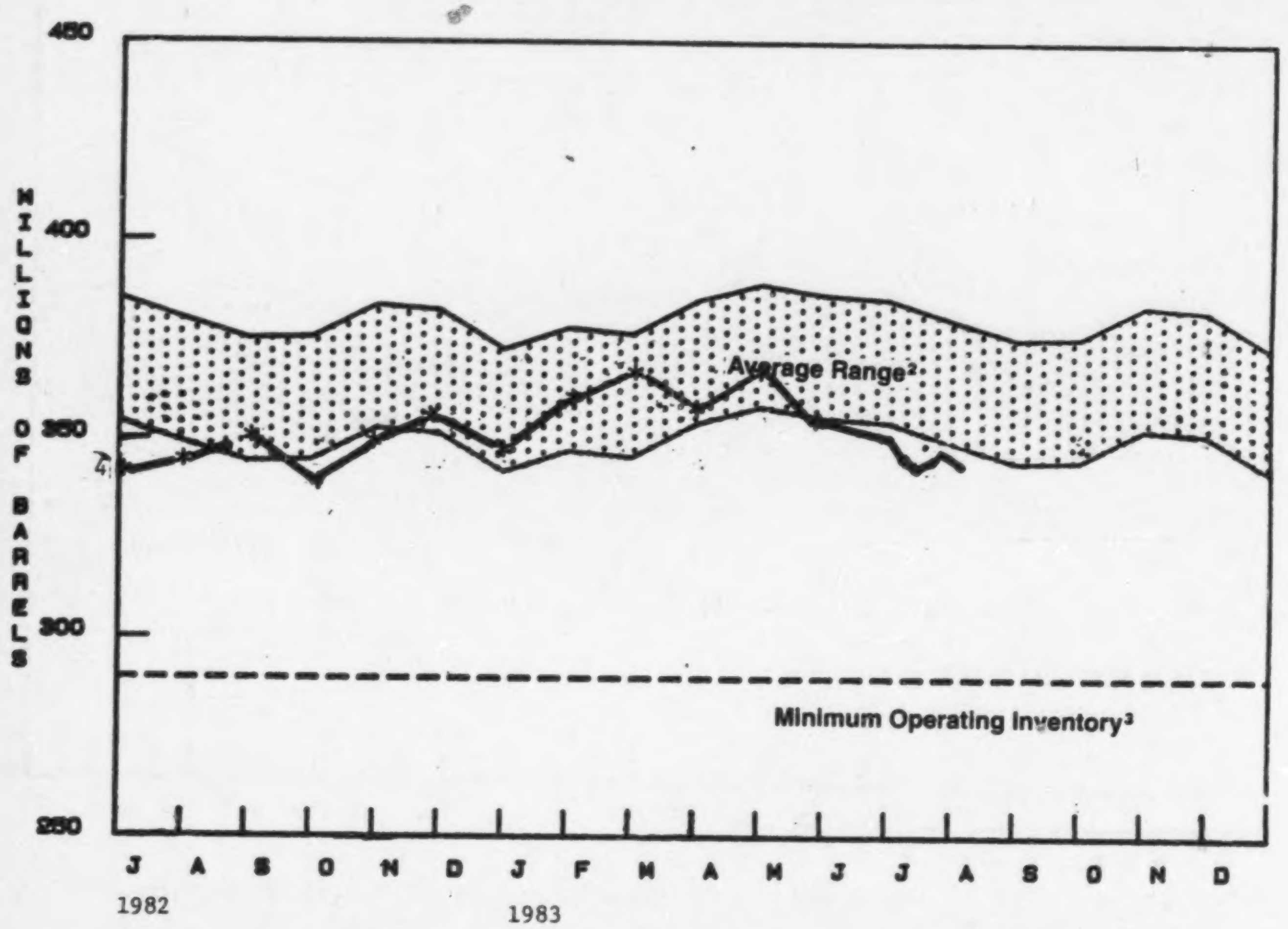
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended August 5, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

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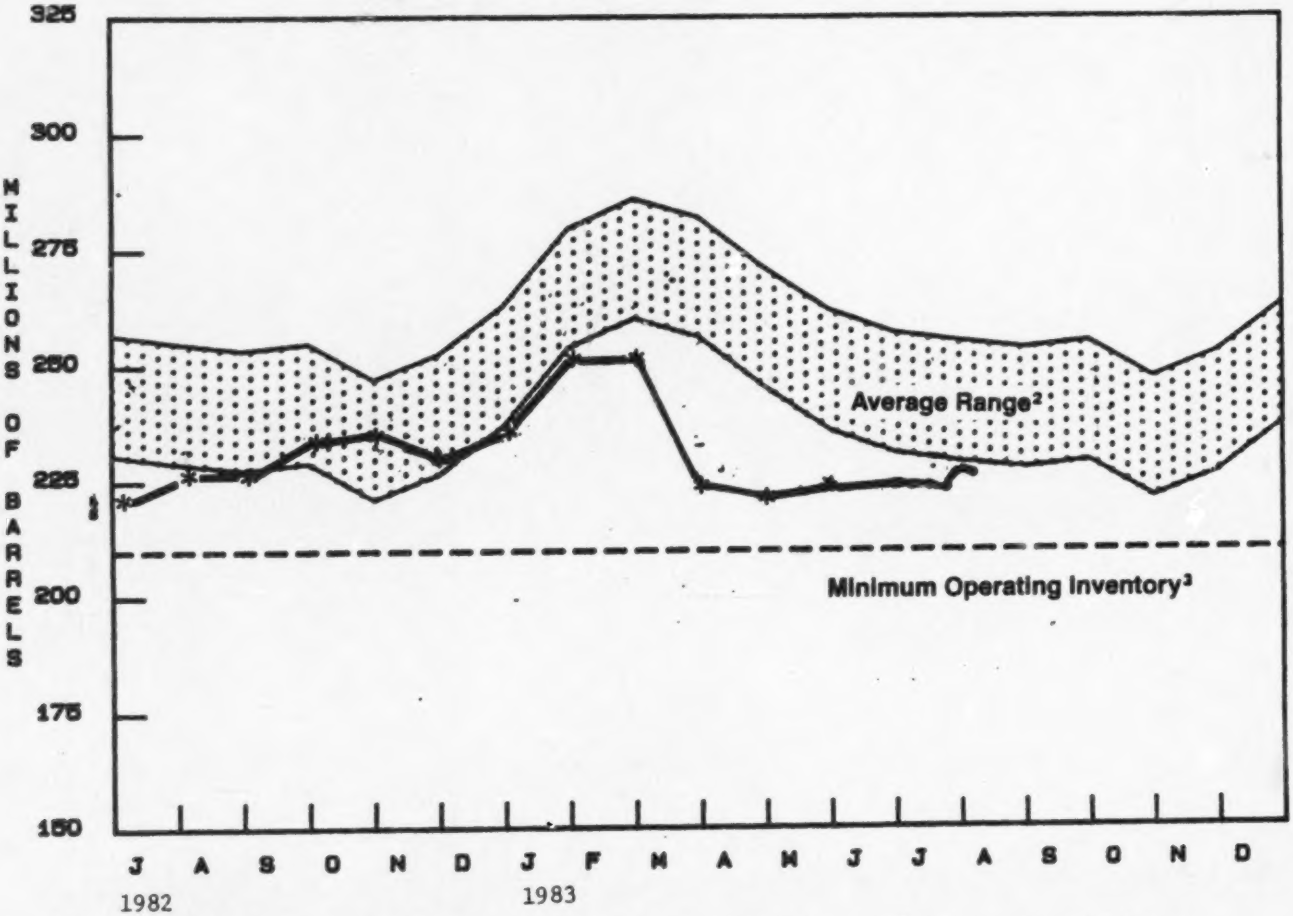
## Motor Gasoline Stocks at Primary Level[1 5]



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8/19/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**

**VOL.** 64 **For Week Ended** AUGUST 12, 1983 **NO.** 32

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 08/12/83 | Last Week Ending: 08/05/83 | Last Year Week Ending: 08/13/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units* | 12,397 | 12,666 | 12,320 | - 269 | + 77 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 76.1 | 77.7 | 70.9 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,628 | 6,598 | 6,421 | + 30 | + 207 |
| Finished leaded motor gasoline production | 2,928 | 2,854 | N/A | + 74 | N/A |
| Finished unleaded motor gasoline production | 3,700 | 3,744 | N/A | - 44 | N/A |
| Total motor gasoline stocks | 227,112 | 225,706 | 226,635 | + 1,406 | + 477 |
| Finished leaded motor gasoline stocks | 97,216 | 96,208 | N/A | + 1,008 | N/A |
| Finished unleaded motor gasoline stocks | 90,070 | 90,215 | 91,482 | - 145 | - 1,412 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,591 | 2,536 | 2,537 | + 55 | + 54 |
| Distillate fuel oil stocks | 134,568 | 129,384 | 152,665 | + 5,184 | - 18,097 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 723 | 738 | 983 | - 15 | - 260 |
| Residual fuel oil stocks | 47,336 | 47,566 | 52,943 | - 230 | - 5,607 |
| Imports | | | | | |
| Crude oil imports | 3,600 | 3,214 | 3,744 | + 386 | - 144 |
| Product imports | 1,734 | 1,972 | 1,321 | - 238 | + 413 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 341,387 | 343,976 | 351,546 | - 2,589 | - 10,159 |

*Scheduled and unscheduled shutdowns caused decreases of 152,000 bbl. per day in the Texas Gulf Coast District and 98,000 bbl. per day in District 5 (West Coast).

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *AUGUST* 12, 1983 **NO.** 32

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,193 | 1,045 | 1,071 | 1,229 | 87.1 |
| Appal. No. 1 | 83 | 81 | 82 | 177 | 46.3 |
| **DISTRICT 1 TOTAL** | 1,276 | 1,126 | 1,153 | 1,406 | 82.0 |
| Appal. No. 2 | 67 | 64 | 67 | 66 | 101.5 |
| Ind., Ill., Ky. | 1,951 | 1,890 | 1,919 | 2,345 | 81.8 |
| Minn., Wis., Daks. | 284 | 275 | 285 | 296 | 96.3 |
| Okla., Kans., Mo. | 736 | 670 | 703 | 827 | 85.0 |
| **DISTRICT 2 TOTAL** | 3,038 | 2,899 | 2,974 | 3,534 | 84.2 |
| Inland Texas | 549 | 492 | 508 | 585 | 86.8 |
| Texas Gulf Coast | 3,222 | 3,007 | 3,098 | 3,907 | 79.3 |
| La. Gulf Coast | 1,970 | 1,753 | 1,781 | 2,875 | 61.9 |
| N. La. and Ark. | 204 | 187 | 194 | 286 | 67.8 |
| New Mexico | 97 | 77 | 81 | 105 | 77.1 |
| **DISTRICT 3 TOTAL** | 6,042 | 5,516 | 5,662 | 7,758 | 73.0 |
| **DISTRICT 4 TOTAL** | 410 | 443 | 454 | 536 | 84.7 |
| **DISTRICT 5 TOTAL** | 2,156 | 2,128 | 2,154 | 3,060 | 70.4 |
| **TOTAL U.S.** | 12,922 | 12,112 | 12,397 | 16,294 | 76.1 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *AUG.* 5, 1983 | 13,102 | 12,322 | 12,666 | 16,294 | 77.7 |
| *AUG.* 13, 1982 | 13,276 | 11,942 | 12,320 | 17,382 | 70.9 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *AUG.* 12, 1983 | 10,766 | 9,984 | 10,243 | 13,234 | 77.4 |
| *AUG.* 5, 1983 | 10,843 | 10,094 | 10,414 | 13,234 | 78.7 |
| *AUG.* 13, 1982 | 11,095 | 9,931 | 10,262 | 14,290 | 71.8 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 12, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 559 | 207 | 352 | 34 | 34 | 259 | 92 |
| Appal. No. 1 | 27 | 13 | 14 | 1 | -- | 21 | 3 |
| **DISTRICT 1 TOTAL** | 586 | 220 | 366 | 35 | 34 | 280 | 95 |
| Appal. No. 2 | 36 | 14 | 22 | 1 | -- | 14 | 2 |
| Ind., Ill., Ky. | 1,184 | 488 | 696 | 6 | 100 | 341 | 38 |
| Minn., Wis., Daks. | 162 | 105 | 57 | 1 | 19 | 59 | 6 |
| Okla., Kans., Mo. | 446 | 256 | 190 | 8 | 6 | 182 | 13 |
| **DISTRICT 2 TOTAL** | 1,828 | 863 | 965 | 16 | 125 | 596 | 59 |
| Inland Texas | 265 | 118 | 147 | 25 | 22 | 118 | 18 |
| Texas Gulf Coast | 1,602 | 716 | 886 | 50 | 211 | 677 | 217 |
| La. Gulf Coast | 1,026 | 390 | 636 | 6 | 181 | 392 | 61 |
| N. La. and Ark. | 50 | 24 | 26 | 8 | -- | 44 | 7 |
| New Mexico | 41 | 22 | 19 | 10 | 2 | 24 | 1 |
| **DISTRICT 3 TOTAL** | 2,984 | 1,270 | 1,714 | 99 | 416 | 1,255 | 304 |
| **DISTRICT 4 TOTAL** | 238 | 145 | 93 | 11 | 23 | 115 | 10 |
| **DISTRICT 5 TOTAL** | 992 | 430 | 562 | 42 | 223 | 345 | 255 |
| **TOTAL U.S.** | 6,628 | 2,928 | 3,700 | 203 | 821 | 2,591 | 723 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *AUG.* 5, 1983 | 6,598 | 2,854 | 3,744 | 193 | 781 | 2,536 | 738 |
| *AUG.* 13, 1982 | 6,421 | *N/A* | *N/A* | 224 | 758 | 2,537 | 983 |
| **DISTRICTS 1-4 Weeks Ended:** | | | | | | | |
| *AUG.* 12, 1983 | 5,636 | 2,498 | 3,138 | 161 | 598 | 2,246 | 468 |
| *AUG.* 5, 1983 | 5,497 | 2,412 | 3,085 | 150 | 547 | 2,205 | 476 |
| *AUG.* 13, 1982 | 5,507 | *N/A* | *N/A* | 167 | 539 | 2,211 | 675 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 12, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,455 | 2,755 | 2,699 | 1 | 102 | 795 | 9,974 | 1,518 | -- |
| Central Atlantic | 29,142● | 12,652● | 12,540● | 3,950 | 347 | 4,765 | 29,212● | 17,673 | 12,726 |
| Lower Atlantic | 29,262 | 15,094 | 13,843 | 325 | 115 | 3,205 | 14,255 | 3,536 | 581 |
| **DISTRICT 1 TOTAL** | 63,859● | 30,501● | 29,082● | 4,276 | 564 | 8,765 | 53,441● | 22,727 | 13,307 |
| **DISTRICT 2 TOTAL** | 62,158 | 29,358 | 25,333 | 7,467 | 1,646 | 7,536 | 33,506 | 3,408 | 17,982 |
| **DISTRICT 3 TOTAL** | 63,821 | 24,021 | 22,276 | 17,524 | 3,130 | 9,985 | 33,259 | 12,903 | 49,179 |
| **DISTRICT 4 TOTAL** | 6,182 | 3,149 | 1,621 | 1,412 | 315 | 779 | 3,045 | 555 | 2,573 |
| **DISTRICT 5 TOTAL** | 31,092 | 10,187 | 11,758 | 9,147 | 1,460 | 6,113 | 11,317 | 7,743 | 24,987 |
| **TOTAL U.S.** | 227,112 | 97,216 | 90,070 | 39,826 | 7,115 | 33,178 | 134,568 | 47,336 | 108,028 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | | | | | |
| *AUG.* 5, 1983 | 225,706● | 96,208● | 90,215● | 39,283 | 7,047 | 33,870 | 129,384● | 47,566 | 107,764 |
| *AUG.* 13, 1982 | 226,635 | *N/A* | 91,482 | *N/A* | 5,676 | 35,223 | 152,665 | 52,943 | 115,948 |
| **DISTRICTS 1-4** **Weeks Ended:** | | | | | | | | | |
| *AUG.* 12, 1983 | 196,020 | 87,029 | 78,312 | 30,679 | 5,655 | 27,065 | 123,251 | 39,593 | 83,041 |
| *AUG.* 5, 1983 | 195,645● | 86,196● | 78,154● | 31,295 | 5,466 | 27,425 | 117,921● | 39,129 | 82,506 |
| *AUG.* 13, 1982 | 198,695 | *N/A* | 81,243 | *N/A* | 4,274 | 28,992 | 142,578 | 45,438 | 92,047 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 8.
NA-Not Available

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 12, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy *MAR* 1983 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *AUG.* 12, 1983 | 5,882.5 | 5,845.0 | 3,196 | 213 | 258,354 |
| *AUG.* 5, 1983 | 5,876.0● | -- | 2,997 | 400 | 260,744 |
| *JUL.* 29, 1983 | 5,876.0● | -- | 3,811 | 278 | 261,234 |
| *JUL.* 22, 1983 | 5,876.0● | -- | 3,459 | 342 | 264,323 |
| **DISTRICT 5 TOTAL** | | | | | |
| *AUG.* 12, 1983 | 2,809.0 | 2,820.0 | 404 | 25 | 83,033 * |
| *AUG.* 5, 1983 | 2,819.0● | -- | 217 | 12 | 83,232 |
| *JUL.* 29, 1983 | 2,819.0● | -- | 339 | 7 | 86,684 |
| *JUL.* 22, 1983 | 2,819.0● | -- | 444 | 7 | 80,916 |
| **TOTAL U.S.** | | | | | |
| *AUG.* 12, 1983 | 8,691.5 | 8,665.0 | 3,600 | 238 | 341,387 * |
| *AUG.* 5, 1983 | 8,695.0● | -- | 3,214 | 412 | 343,976 |
| *JUL.* 29, 1983 | 8,695.0● | -- | 4,150 | 285 | 347,918 |
| *JUL.* 22, 1983 | 8,695.0● | -- | 3,903 | 349 | 345,239 |
| *AUG.* 13, 1982 | 8,620.3/*A* | -- | 3,744 | 345 | 351,546 |

**INCLUDES* 26,088 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR AUGUST* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *AUG.* 12, 1983 | 14,847 | 75,190 | 154,619 | 13,698 | 258,354 | 83,033 * | 341,387 * |
| *AUG.* 5, 1983 | 15,171 | 77,276 | 154,785 | 13,512 | 260,744 | 83,232 | 343,976 |
| *AUG.* 13, 1982 | 21,011 | 71,895 | 156,750 | 13,508 | 263,164 | 88,382 | 351,546 |

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[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 12, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | 36● | 36● | -- | -- | -- | -- | -- | 6 | -- | -- | 42● |
| Central Atlantic | 95● | 28● | 67 | -- | 16 | 194● | 442 | 7 | 169 | 99 | 1,022● |
| Lower Atlantic | 78 | 44 | 34 | -- | -- | -- | 157 | -- | -- | -- | 235 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *AUG*. 12, 1983 | 209 | 108 | 101 | -- | 16 | 194 | 599 | 13 | 169 | 99 | 1,299 |
| *AUG*. 5, 1983 | 119● | 59● | 60 | -- | 5 | 376● | 672 | 11 | 119 | 156 | 1,458● |
| *JUL*. 29, 1983 | 234 | 105 | 129 | -- | 20 | 220 | 674 | 11 | 12 | 78 | 1,249 |
| *JUL*. 22, 1983 | 176 | 88 | 88 | -- | -- | 212 | 545 | 11 | 10 | 102 | 1,056 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| *AUG*. 12, 1983 | 2 | 1 | 1 | -- | -- | 11 | 20 | 143 | 89 | 22 | 287 |
| *AUG*. 5, 1983 | -- | -- | -- | -- | -- | 4 | 24 | 157 | 234 | 5 | 424 |
| *JUL*. 29, 1983 | -- | -- | -- | -- | 4 | 4 | 19 | 159 | 102 | 12 | 300 |
| *JUL*. 22, 1983 | 17 | 8 | 9 | -- | 4 | 18 | 41 | 95 | 234 | 65 | 474 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *AUG*. 12, 1983 | 27 | 18 | 9 | -- | -- | 6 | 47 | 56 | 2 | 10 | 148 |
| *AUG*. 5, 1983 | 30 | 23 | 7 | -- | 10 | 7 | 19 | 16 | 3 | 5 | 90 |
| *JUL*. 29, 1983 | 44 | 37 | 7 | -- | 1 | 5 | 16 | 16 | 3 | 5 | 90 |
| *JUL*. 22, 1983 | 35 | 27 | 8 | -- | -- | 5 | 17 | 19 | -- | 5 | 81 |
| **TOTAL U.S.** | 238 | 127 | 111 | -- | 16 | 211 | 666 | 212 | 260 | 131 | 1,734 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *AUG*. 5, 1983 | 149● | 82● | 67 | -- | 15 | 387● | 715 | 184 | 356 | 166 | 1,972● |
| *JUL*. 29, 1983 | 278 | 142 | 136 | -- | 25 | 229 | 709 | 186 | 117 | 95 | 1,639 |
| *JUL*. 22, 1983 | 228 | 123 | 105 | -- | 4 | 235 | 603 | 125 | 244 | 172 | 1,611 |
| *AUG*. 13, 1982 | 211 | *N/A* | 96 | 16 | 38 | 71 | 642 | 187 | 135 | 18 | 1,321 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

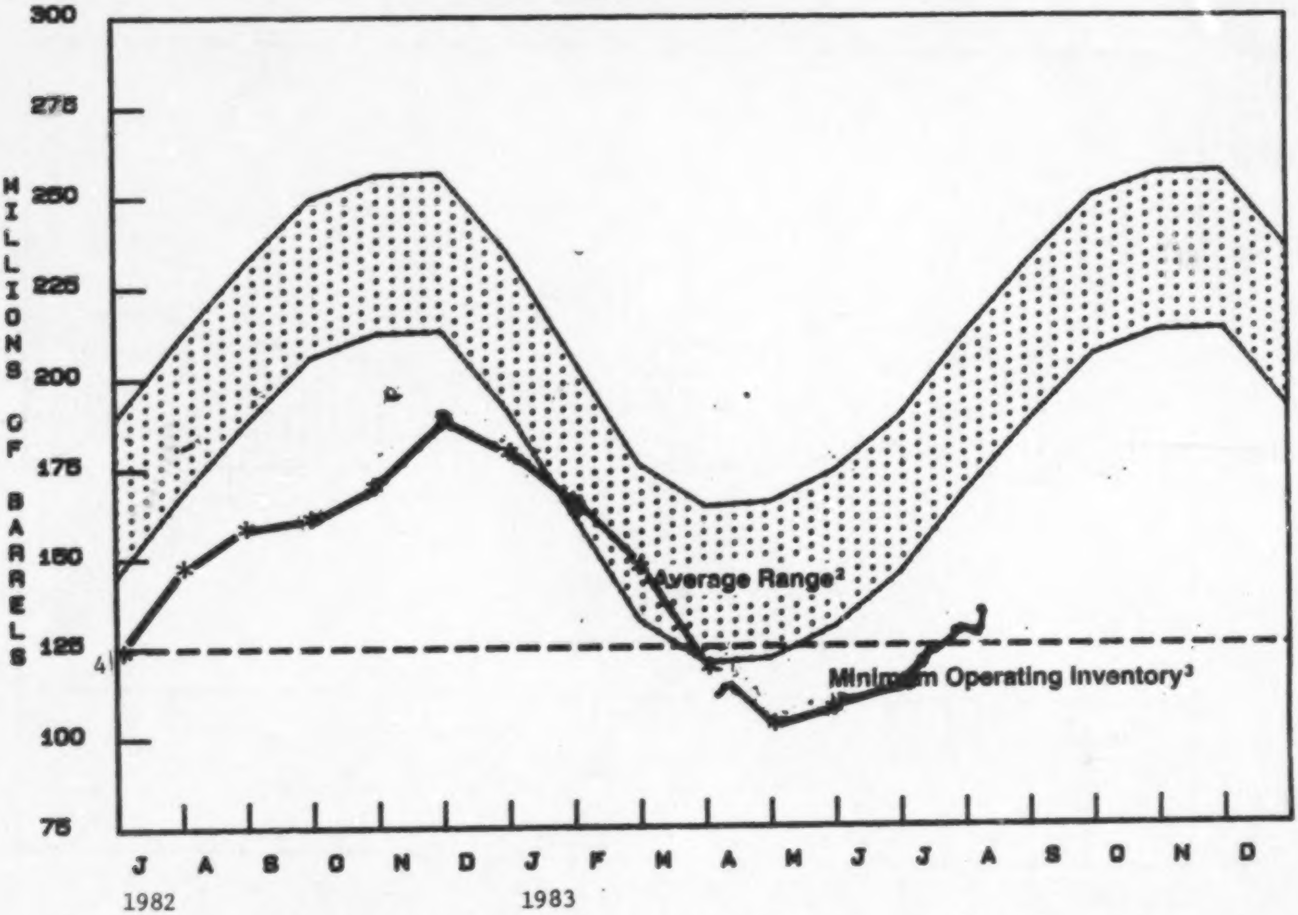
(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | July 1983 | June 1983 | Mar. 1983 |
| Florida | 62.0 | 63.0 | 62.0 |
| New York-Pennsylvania | 14.0 | 14.0 | 14.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 8.0 | 12.0 |
| Illinois | 82.0 | 82.0 | 83.0 |
| Indiana | 16.0 | 16.0 | 11.0 |
| Kansas | 200.0 | 199.0 | 196.0 |
| Kentucky | 23.0 | 23.0 | 23.0 |
| Michigan | 90.0 | 90.0 | 84.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 4.0 |
| Nebraska | 18.0 | 18.0 | 17.0 |
| Ohio | 40.0 | 40.0 | 40.0 |
| Oklahoma | 435.0 | 435.0 | 443.0 |
| North Dakota | 142.0 | 142.0 | 143.0 |
| South Dakota | 3.0 | 3.0 | 3.0 |
| Alabama | 54.0 | 55.0 | 52.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 86.0 | 86.0 | 86.0 |
| New Mexico-So. East | 186.0 | 187.0 | 190.0 |
| New Mexico-Other | 14.0 | 14.5 | 17.0 |
| North Louisiana | 95.0 | 95.0 | 94.0 |
| South Louisiana | 1,205.0 | 1,205.0 | 1,180.0 |
| Total Louisiana | 1,300.0 | 1,300.0 | 1,274.0 |
| Texas | | | |
| District 1 | 67.0 | 67.0 | 67.0 |
| District 2 | 110.0 | 109.0 | 110.0 |
| District 3 | 365.0 | 369.0 | 362.0 |
| District 4 | 75.0 | 78.0 | 75.0 |
| District 5 | 24.0 | 21.0 | 24.0 |
| District 6, East Texas Field | 143.0 | 142.0 | 143.0 |
| Other | 114.0 | 114.0 | 116.0 |
| District 7-B | 91.0 | 92.0 | 91.0 |
| District 7-C | 95.0 | 98.0 | 95.0 |
| District 8 and 8-A | 1,252.0 | 1,259.0 | 1,252.0 |
| District 9 | 105.0 | 105.0 | 105.0 |
| District 10 | 57.0 | 58.0 | 57.0 |
| Total Texas | 2,498.0 | 2,512.0 | 2,497.0 |
| Colorado | 82.0 | 82.0 | 78.0 |
| Montana | 82.0 | 83.0 | 79.0 |
| Utah | 64.0 | 64.0 | 64.0 |
| Wyoming | 321.0 | 321.0 | 321.0 |
| Total Dists. 1-4 | 5,876.0 | 5,893.5 | 5,845.0 |
| Alaska | 1,707.0 | 1,684.5 | 1,732.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,109.0 | 1,106.5 | 1,085.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,819.0 | 2,794.0 | 2,820.0 |
| Total U.S. | 8,695.0 | 8,687.5 | 8,665.0 |

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 8/05/83 | PAGE 3 | TOTAL MGAS | CENTRAL ATLANTIC | 29,827 |
| | | | DISTRICT 1 TOTAL | 63,757 |
| | | | TOTAL U.S. | 225,706 |
| | | | DISTRICTS 1-4 | 195,645 |
| | | LEADED MGAS | CENTRAL ATLANTIC | 12,516 |
| | | | DISTRICT 1 TOTAL | 30,593 |
| | | | TOTAL U.S. | 96,208 |
| | | | DISTRICTS 1-4 | 86,196 |
| | | UNLEADED MGAS | CENTRAL ATLANTIC | 13,219 |
| | | | DISTRICT 1 TOTAL | 28,756 |
| | | | TOTAL U.S. | 90,215 |
| | | | DISTRICTS 1-4 | 78,154 |
| | | DISTILLATE FUEL | CENTRAL ATLANTIC | 27,336 |
| | | | DISTRICT 1 TOTAL | 50,302 |
| | | | TOTAL U.S. | 129,384 |
| | | | DISTRICTS 1-4 | 117,921 |
| | PAGE 5 | TOTAL MGAS | NEW ENGLAND | 68 |
| | | | CENTRAL ATLANTIC | 4 |
| | | | DISTRICT 1 TOTAL | 119 |
| | | | TOTAL U.S. | 149 |
| | | LEADED MGAS | NEW ENGLAND | 28 |
| | | | CENTRAL ATLANTIC | 4 |
| | | | DISTRICT 1 TOTAL | 59 |
| | | | TOTAL U.S. | 82 |
| | | DISTILLATE (INC. NO. 4) | CENTRAL ATLANTIC | 376 |
| | | | DISTRICT 1 TOTAL | 376 |
| | | | TOTAL U.S. | 387 |
| | | TOTAL | NEW ENGLAND | 161 |
| | | | CENTRAL ATLANTIC | 1,205 |
| | | | DISTRICT 1 TOTAL | 1,458 |
| | | | TOTAL U.S. | 1,972 |

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

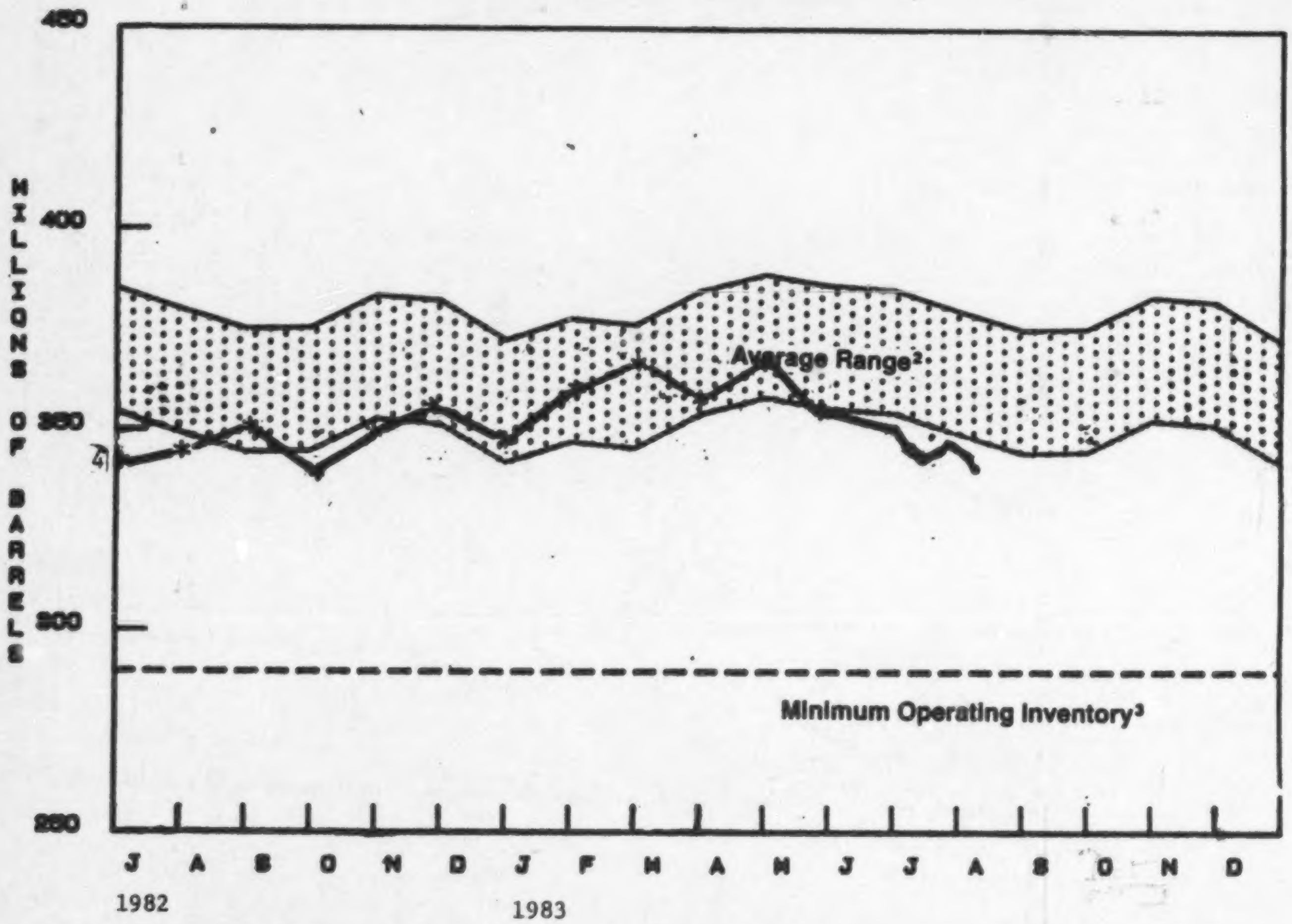
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

PAGE 10

## Crude Oil Stocks at Primary Level[1] 5



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

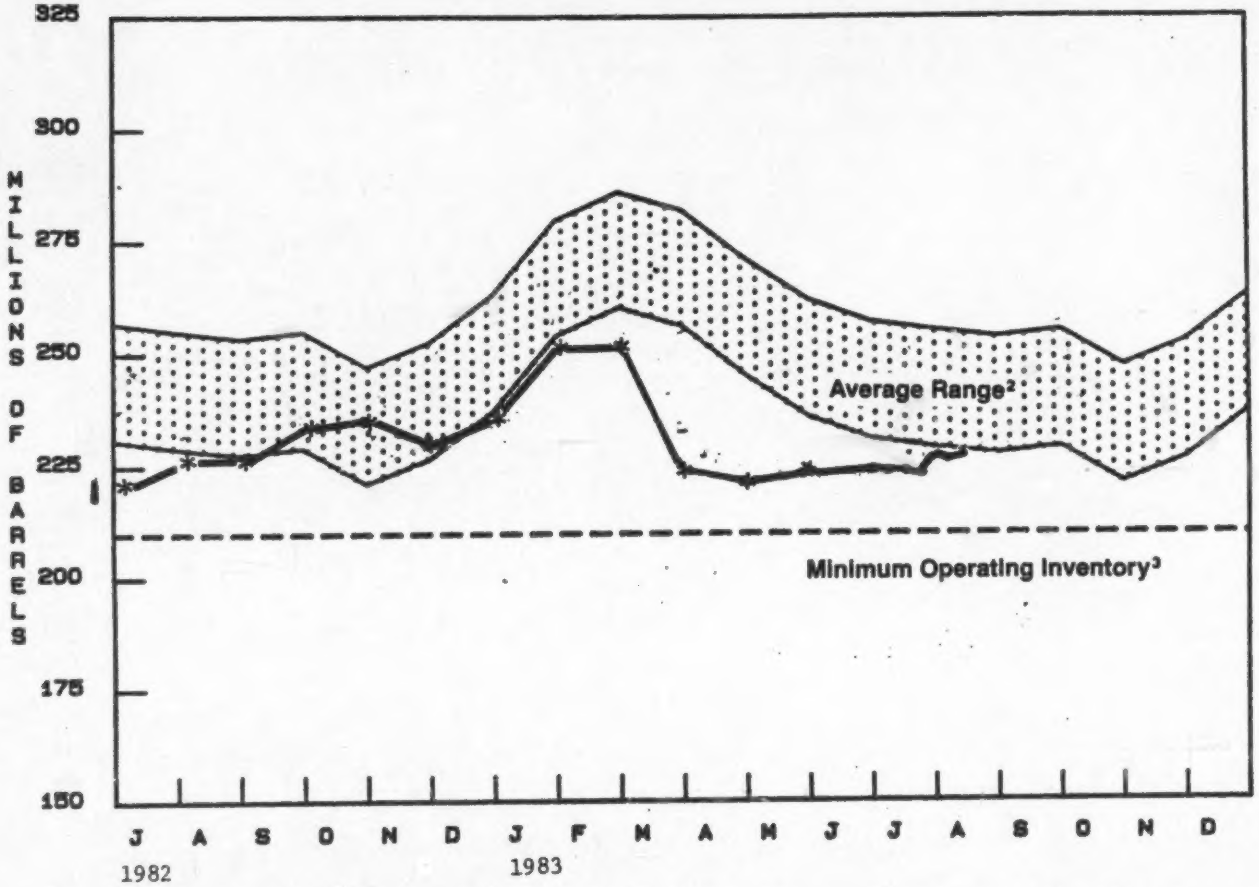
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1,5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

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A2575-1
8/26/83

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *AUGUST* 19, 1983 **NO.** 33

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 08/19/83 | Last Week Ending: 08/12/83 | Last Year Week Ending: 08/20/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,751 | 12,397 | 11,966 | + 354 | + 785 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 78.3 | 76.1 | 68.8 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,727 | 6,628 | 6,198 | + 99 | + 529 |
| Finished leaded motor gasoline production | 3,114 | 2,928 | N/A | + 186 | N/A |
| Finished unleaded motor gasoline production | 3,613 | 3,700 | N/A | - 87 | N/A |
| Total motor gasoline stocks | 225,150 | 227,213 | 226,041 | - 2,063 | - 891 |
| Finished leaded motor gasoline stocks | 97,095 | 97,317 | N/A | - 222 | N/A |
| Finished unleaded motor gasoline stocks | 88,838 | 90,070 | 92,247 | - 1,23[illegible] | - 3,409 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,642 | 2,591 | 2,405 | + 51 | + 237 |
| Distillate fuel oil stocks | 137,343 | 135,291 | 155,369 | + 2,052 | - 18,026 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 700 | 723 | 1,026 | - 23 | - 326 |
| Residual fuel oil stocks | 45,989 | 47,336 | 51,974 | - 1,347 | - 5,985 |
| Imports | | | | | |
| Crude oil imports | 4,482 | 3,600 | 3,274 | + 882 | + 1,208 |
| Product imports | 2,009 | 1,734 | 1,311 | + 275 | + 698 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 344,901 | 341,387 | 357,080 | + 3,514 | - 12,179 |

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*Total U.S. data for the current week's refinery operations,,production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *AUGUST* 19, 1983 **NO.** 33

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,236 | 1,118 | 1,154 | 1,229 | 93.9 |
| Appal. No. 1 | 77 | 78 | 78 | 177 | 44.1 |
| **DISTRICT 1 TOTAL** | 1,313 | 1,196 | 1,232 | 1,406 | 87.6 |
| Appal. No. 2 | 65 | 62 | 65 | 66 | 98.5 |
| Ind., Ill., Ky. | 2,064 | 1,949 | 1,991 | 2,345 | 84.9 |
| Minn., Wis., Daks. | 295 | 286 | 294 | 296 | 99.3 |
| Okla., Kans., Mo. | 752 | 714 | 739 | 827 | 89.4 |
| **DISTRICT 2 TOTAL** | 3,176 | 3,011 | 3,089 | 3,534 | 87.4 |
| Inland Texas | 534 | 503 | 524 | 585 | 89.6 |
| Texas Gulf Coast | 3,246 | 3,015 | 3,108 | 3,907 | 79.5 |
| La. Gulf Coast | 2,085 | 1,894 | 1,919 | 2,875 | 66.7 |
| N. La. and Ark. | 192 | 170 | 178 | 286 | 62.2 |
| New Mexico | 98 | 80 | 80 | 105 | 76.2 |
| **DISTRICT 3 TOTAL** | 6,155 | 5,662 | 5,809 | 7,758 | 74.9 |
| **DISTRICT 4 TOTAL** | 418 | 449 | 454 | 536 | 84.7 |
| **DISTRICT 5 TOTAL** | 2,278 | 2,138 | 2,167 | 3,060 | 70.8 |
| **TOTAL U.S.** | 13,340 | 12,456 | 12,751 | 16,294 | 78.3 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| *AUG.* 12, 1983 | 12,922 | 12,112 | 12,397 | 16,294 | 76.1 |
| *AUG.* 20, 1982 | 12,815 | 11,640 | 11,966 | 17,382 | 68.8 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| *AUG.* 19, 1983 | 11,062 | 10,318 | 10,584 | 13,234 | 80.0 |
| *AUG.* 12, 1983 | 10,766 | 9,984 | 10,243 | 13,234 | 77.4 |
| *AUG.* 20, 1982 | 10,632 | 9,642 | 9,944 | 14,290 | 69.6 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** AUGUST 19, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 573 | 231 | 342 | 19 | 37 | 286 | 92 |
| Appal. No. 1 | 28 | 15 | 13 | 2 | -- | 21 | 3 |
| **DISTRICT 1 TOTAL** | 601 | 246 | 355 | 21 | 37 | 307 | 95 |
| Appal. No. 2 | 39 | 20 | 19 | 1 | 1 | 13 | 3 |
| Ind., Ill., Ky. | 1,208 | 538 | 670 | 13 | 127 | 326 | 41 |
| Minn., Wis., Daks. | 162 | 104 | 58 | 2 | 12 | 67 | 8 |
| Okla., Kans., Mo. | 451 | 288 | 163 | 5 | 11 | 190 | 4 |
| **DISTRICT 2 TOTAL** | 1,860 | 950 | 910 | 21 | 151 | 596 | 56 |
| Inland Texas | 296 | 150 | 146 | 24 | 31 | 125 | 18 |
| Texas Gulf Coast | 1,510 | 744 | 766 | 35 | 180 | 705 | 223 |
| La. Gulf Coast | 1,115 | 423 | 692 | 7 | 191 | 368 | 64 |
| N. La. and Ark. | 57 | 26 | 31 | 7 | -- | 49 | 8 |
| New Mexico | 41 | 19 | 22 | 19 | 1 | 24 | 1 |
| **DISTRICT 3 TOTAL** | 3,019 | 1,362 | 1,657 | 92 | 403 | 1,271 | 314 |
| **DISTRICT 4 TOTAL** | 234 | 139 | 95 | 9 | 21 | 122 | 7 |
| **DISTRICT 5 TOTAL** | 1,013 | 417 | 596 | 41 | 225 | 346 | 228 |
| **TOTAL U.S.** | 6,727 | 3,114 | 3,613 | 184 | 837 | 2,642 | 700 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *AUG.* 12, 1983 | 6,628 | 2,928 | 3,700 | 203 | 821 | 2,591 | 723 |
| *AUG.* 20, 1982 | 6,198 | *N/A* | *N/A* | 207 | 766 | 2,405 | 1,026 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *AUG.* 19, 1983 | 5,714 | 2,697 | 3,017 | 143 | 612 | 2,296 | 472 |
| *AUG.* 12, 1983 | 5,636 | 2,498 | 3,138 | 161 | 598 | 2,246 | 468 |
| *AUG.* 20, 1982 | 5,273 | *N/A* | *N/A* | 156 | 585 | 2,062 | 668 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** AUGUST 19, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| | | Motor Gasoline | | | Jet Fuel | | | | |
|---|---|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
| New England | 5,139 | 2,766 | 2,372 | 1 | 100 | 864 | 10,451 | 1,413 | -- |
| Central Atlantic | 28,866● | 12,819● | 11,650 | 4,397 | 473 | 4,512 | 31,361● | 16,621 | 13,004 |
| Lower Atlantic | 28,450 | 14,596 | 13,456 | 398 | 149 | 2,955 | 14,405 | 3,317 | 554 |
| DISTRICT 1 TOTAL | 62,455● | 30,181● | 27,478 | 4,796 | 722 | 8,331 | 56,217● | 21,351 | 13,558 |
| DISTRICT 2 TOTAL | 63,221 | 31,014 | 25,610 | 6,597 | 1,647 | 7,999 | 33,154 | 3,480 | 17,635● |
| DISTRICT 3 TOTAL | 62,815 | 23,256 | 22,862 | 16,697 | 3,111 | 10,206● | 33,413● | 13,079 | 49,403 |
| DISTRICT 4 TOTAL | 5,874 | 2,759 | 1,634 | 1,481 | 357 | 699 | 3,146 | 551 | 2,469 |
| DISTRICT 5 TOTAL | 30,785 | 9,885 | 11,254 | 9,646 | 1,630 | 5,722 | 11,413 | 7,528 | 24,868 |
| TOTAL U.S. | 225,150 | 97,095 | 88,838 | 39,217 | 7,467 | 32,957 | 137,343 | 45,989 | 107,933 |
| TOTAL U.S. Weeks Ended: | | | | | | | | | |
| AUG. 12, 1983 | 227,213● | 97,317● | 90,070 | 39,826 | 7,115 | 33,015● | 135,291● | 47,336 | 107,775● |
| AUG. 20, 1982 | 226,041 | N/A | 92,247 | N/A | 5,779 | 34,228 | 155,369 | 51,974 | 117,713 |
| DISTRICTS 1-4 Weeks Ended: | | | | | | | | | |
| AUG. 19, 1983 | 194,365 | 87,210 | 77,584 | 29,571 | 5,837 | 27,235 | 125,930 | 38,461 | 83,065 |
| AUG. 12, 1983 | 196,121● | 87,130● | 78,312 | 30,679 | 5,655 | 26,902● | 123,974● | 39,593 | 82,788● |
| AUG. 20, 1982 | 198,174 | N/A | 81,927 | N/A | 4,426 | 28,443 | 144,875 | 43,858 | 93,497 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available
● SEE REVISIONS ON PAGE 7

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *MAR* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *AUG*. 19, 1983 | 5,882.5 | 5,845.0 | 4,209 | 283 | 258,289 |
| *AUG*. 12, 1983 | 5,882.5 | -- | 3,196 | 213 | 258,354 |
| *AUG*. 5, 1983 | 5,876.0 | -- | 2,997 | 400 | 260,744 |
| *JUL*. 29, 1983 | 5,876.0 | -- | 3,811 | 278 | 261,234 |
| **DISTRICT 5 TOTAL** | | | | | |
| *AUG*. 19, 1983 | 2,809.0 | 2,820.0 | 273 | 41 | 86,612 * |
| *AUG*. 12, 1983 | 2,809.0 | -- | 404 | 25 | 83,033 |
| *AUG*. 5, 1983 | 2,819.0 | -- | 217 | 12 | 83,232 |
| *JUL*. 29, 1983 | 2,819.0 | -- | 339 | 7 | 86,684 |
| **TOTAL U.S.** | | | | | |
| *AUG*. 19, 1983 | 8,691.5 | 8,665.0 | 4,482 | 324 | 344,901 * |
| *AUG*. 12, 1983 | 8,691.5 | -- | 3,600 | 238 | 341,387 |
| *AUG*. 5, 1983 | 8,695.0 | -- | 3,214 | 412 | 343,976 |
| *JUL*. 29, 1983 | 8,695.0 | -- | 4,150 | 285 | 347,918 |
| *AUG*. 20, 1982 | 8,620.3 /A | -- | 3,274 | 185 | 357,080 |

**INCLUDES* 28,504 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR AUGUST* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *AUG*. 19, 1983 | 16,910 | 75,536 | 152,913 | 12,930 | 258,289 | 86,612 * | 344,901 * |
| *AUG*. 12, 1983 | 14,847 | 75,190 | 155,243● | 13,074● | 258,354 | 83,033 | 341,387 |
| *AUG*. 20, 1982 | 21,335 | 73,293 | 156,915 | 13,295 | 264,838 | 92,242 | 357,080 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

**API WEEKLY STATISTICAL BULLETIN**

**Week Ended** *AUGUST* 19, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 61 | -- | 61 | -- | -- | -- | 45 | 2 | -- | -- | 108 |
| Central Atlantic | 219 | 69 | 150 | -- | 7 | 243 | 588 | 18 | 31 | 196 | 1,302 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 138 | -- | -- | -- | 138 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *AUG.* 19, 1983 | 280 | 69 | 211 | -- | 7 | 243 | 771 | 20 | 31 | 196 | 1,548 |
| *AUG.* 12, 1983 | 209 | 108 | 101 | -- | 16 | 194 | 599 | 13 | 169 | 99 | 1,299 |
| *AUG.* 5, 1983 | 119 | 59 | 60 | -- | 5 | 376 | 672 | 11 | 119 | 156 | 1,458 |
| *JUL.* 29, 1983 | 234 | 105 | 129 | -- | 20 | 220 | 674 | 11 | 12 | 78 | 1,249 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| *AUG.* 19, 1983 | 2 | 2 | -- | -- | -- | 6 | 20 | 149 | 170 | 1 | 348 |
| *AUG.* 12, 1983 | 2 | 1 | 1 | -- | -- | 11 | 20 | 143 | 89 | 22 | 287 |
| *AUG.* 5, 1983 | -- | -- | -- | -- | -- | 4 | 24 | 157 | 234 | 5 | 424 |
| *JUL.* 29, 1983 | -- | -- | -- | -- | 4 | 4 | 19 | 159 | 102 | 12 | 300 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *AUG.* 19, 1983 | 56 | 49 | 7 | -- | -- | 4 | 19 | 20 | 3 | 11 | 113 |
| *AUG.* 12, 1983 | 27 | 18 | 9 | -- | -- | 6 | 47 | 56 | 2 | 10 | 148 |
| *AUG.* 5, 1983 | 30 | 23 | 7 | -- | 10 | 7 | 19 | 16 | 3 | 5 | 90 |
| *JUL.* 29, 1983 | 44 | 37 | 7 | -- | 1 | 5 | 16 | 16 | 3 | 5 | 90 |
| **TOTAL U.S.** | 338 | 120 | 218 | -- | 7 | 253 | 810 | 189 | 204 | 208 | 2,009 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *AUG.* 12, 1983 | 238 | 127 | 111 | -- | 16 | 211 | 666 | 212 | 260 | 131 | 1,734 |
| *AUG.* 5, 1983 | 149 | 82 | 67 | -- | 15 | 387 | 715 | 184 | 356 | 166 | 1,972 |
| *JUL.* 29, 1983 | 278 | 142 | 136 | -- | 25 | 229 | 709 | 186 | 117 | 95 | 1,639 |
| *AUG.* 20, 1982 | 302 | *N/A* | 110 | 10 | 31 | 116 | 535 | 166 | 128 | 19 | 1,311 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

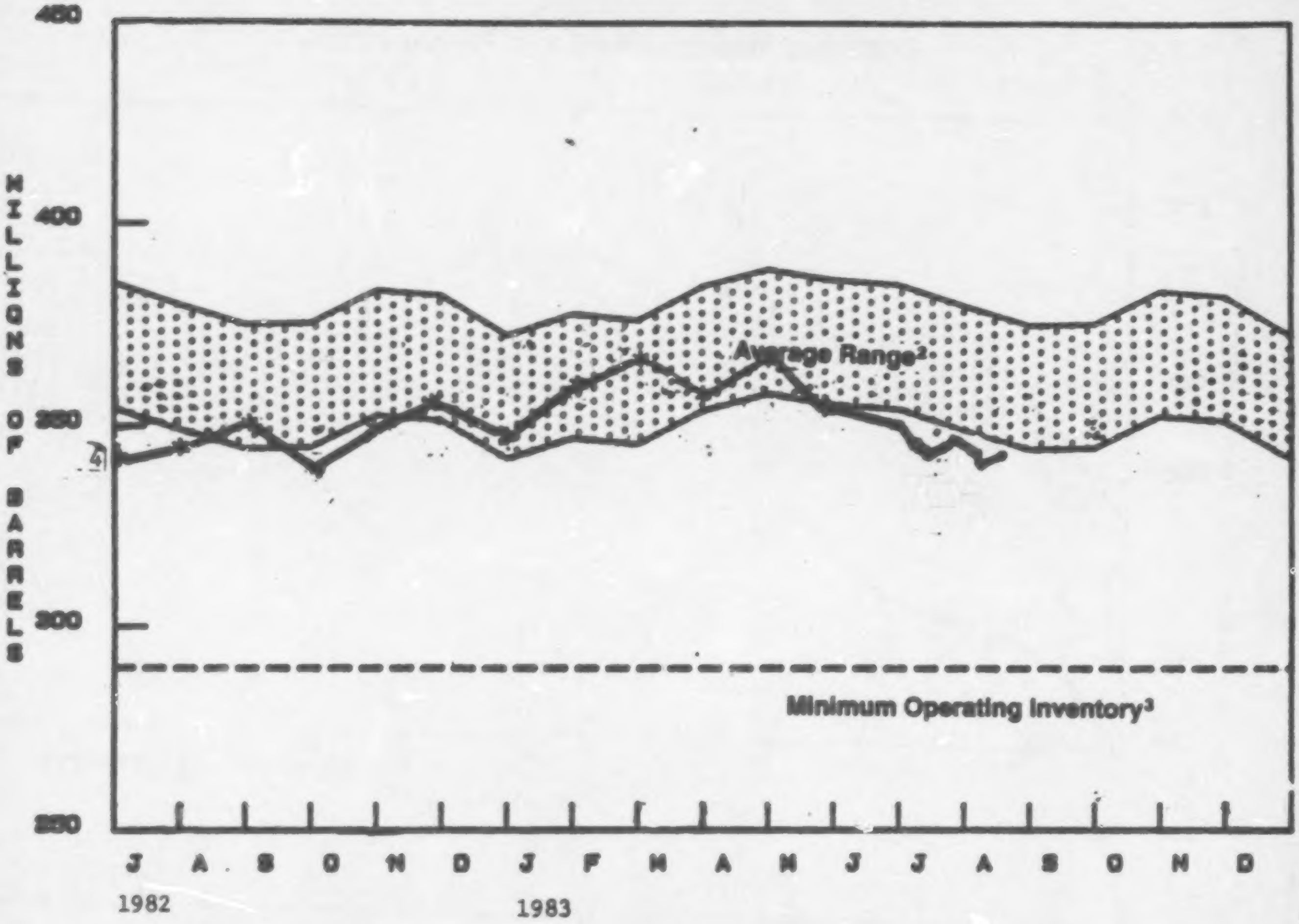
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 8/12/83 | PAGE 3 | TOTAL MGAS | CENTRAL ATLANTIC | 29,243 |
| | | | DISTRICT 1 TOTAL | 63,960 |
| | | | TOTAL U.S. | 227,213 |
| | | | DISTRICTS 1-4 | 196,121 |
| | | LEADED MGAS | CENTRAL ATLANTIC | 12,753 |
| | | | DISTRICT 1 TOTAL | 30,602 |
| | | | TOTAL U.S. | 97,317 |
| | | | DISTRICTS 1-4 | 87,130 |
| | | KEROSINE JET | DISTRICT 3 TOTAL | 9,822 |
| | | | TOTAL U.S. | 33,015 |
| | | | DISTRICTS 1-4 | 26,902 |
| | | DISTILLATE FUEL | CENTRAL ATLANTIC | 29,756 |
| | | | DISTRICT 1 TOTAL | 53,985 |
| | | | DISTRICT 3 TOTAL | 33,438 |
| | | | TOTAL U.S. | 135,291 |
| | | | DISTRICTS 1-4 | 123,974 |
| | | UNFINISHED OILS | DISTRICT 2 TOTAL | 17,729 |
| | | | TOTAL U.S. | 107,775 |
| | | | DISTRICTS 1-4 | 82,788 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 3 | 155,243 |
| | | TOTAL | PAD DISTRICT 4 | 13,074 |

## Crude Oil Stocks at Primary Level[1] [5]



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[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

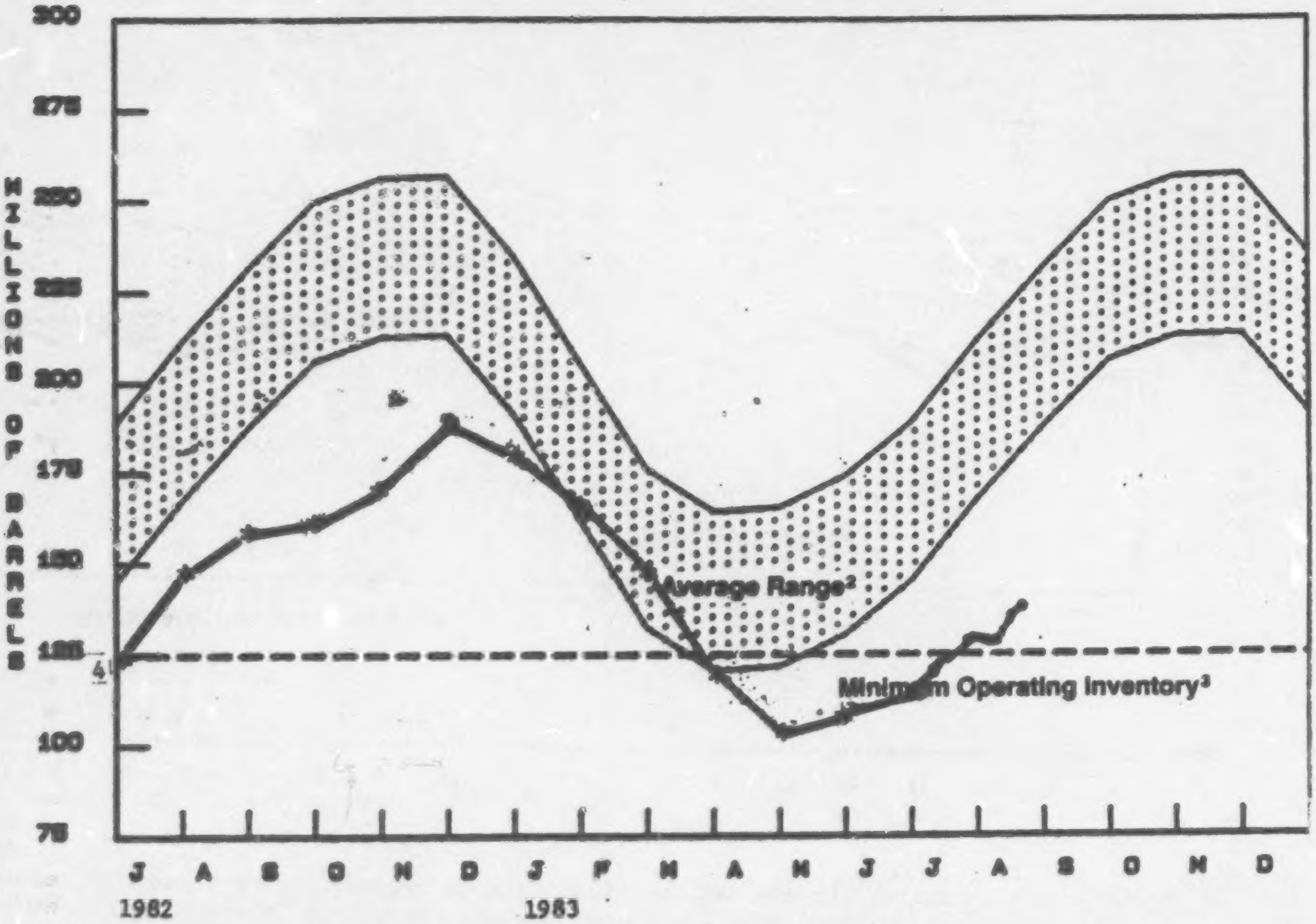
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

PAGE 9

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

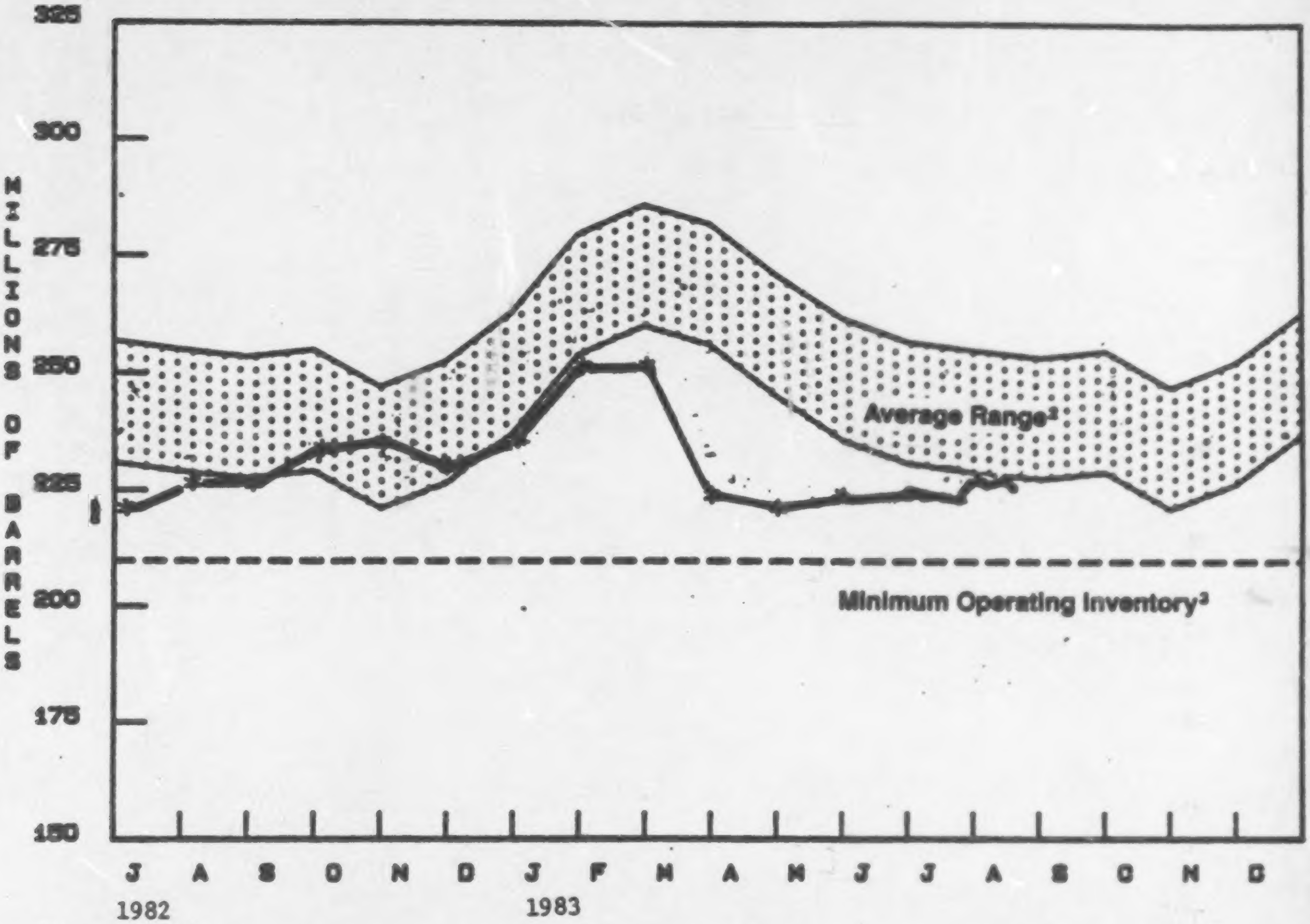
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

# Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

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●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

9/2/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** AUGUST 26, 1983 **NO.** 34

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 08/26/83 | Last Week Ending: 08/19/83 | Last Year Week Ending: 08/27/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units * | 11,953 | 12,814 | 12,197 | - 861 | - 244 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 73.4 | 78.6 | 70.2 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,188 | 6,722 | 6,354 | - 534 | - 166 |
| Finished leaded motor gasoline production | 2,805 | 3,075 | N/A | - 270 | N/A |
| Finished unleaded motor gasoline production | 3,383 | 3,647 | N/A | - 264 | N/A |
| Total motor gasoline stocks | 225,612 | 225,117 | 225,097 | + 495 | + 515 |
| Finished leaded motor gasoline stocks | 96,319 | 96,688 | N/A | - 369 | N/A |
| Finished unleaded motor gasoline stocks | 88,040 | 89,212 | 91,933 | - 1,172 | - 3,893 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,392 | 2,642 | 2,661 | - 250 | - 269 |
| Distillate fuel oil stocks | 139,186 | 137,553 | 158,428 | + 1,633 | - 19,242 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 729 | 700 | 978 | + 29 | - 249 |
| Residual fuel oil stocks | 45,560 | 45,989 | 50,689 | - 429 | - 5,129 |
| Imports | | | | | |
| Crude oil imports | 4,234 | 4,509 | 3,053 | - 275 | + 1,181 |
| Product imports | 2,420 | 2,075 | 1,110 | + 345 | + 1,310 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 348,488 | 345,022 | 356,406 | + 3,466 | - 7,918 |

*UNSCHEDULED SHUTDOWNS BECAUSE OF THE HURRICANE CAUSED A DECREASE OF 1,028,000 BBL. PER DAY IN THE TEXAS GULF COAST DISTRICT.

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *AUGUST* 26, 1983 **NO.** 34

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper- ated |
|---|---|---|---|---|---|
| East Coast | 1,279 | 1,108 | 1,146 | 1,229 | 93.2 |
| Appal. No. 1 | 85 | 82 | 82 | 177 | 46.3 |
| **DISTRICT 1 TOTAL** | 1,364 | 1,190 | 1,228 | 1,406 | 87.3 |
| Appal. No. 2 | 65 | 62 | 65 | 66 | 98.5 |
| Ind., Ill., Ky. | 2,066 | 1,930 | 1,984 | 2,345 | 84.6 |
| Minn., Wis., Daks. | 291 | 282 | 288 | 296 | 97.3 |
| Okla., Kans., Mo. | 765 | 722 | 744 | 827 | 90.0 |
| **DISTRICT 2 TOTAL** | 3,187 | 2,996 | 3,081 | 3,534 | 87.2 |
| Inland Texas | 535 | 499 | 511 | 585 | 87.4 |
| Texas Gulf Coast | 2,138 | 2,064 | 2,080 | 3,907 | 53.2 |
| La. Gulf Coast | 2,117● | 2,006● | 2,055● | 2,875 | 71.5● |
| N. La. and Ark. | 208 | 215 | 215 | 286 | 75.2 |
| New Mexico | 109 | 90 | 91 | 105 | 86.7 |
| **DISTRICT 3 TOTAL** | 5,107● | 4,874● | 4,952● | 7,758 | 63.8● |
| **DISTRICT 4 TOTAL** | 438 | 459 | 460 | 536 | 85.8 |
| **DISTRICT 5 TOTAL** | 2,168 | 2,222 | 2,232 | 3,060 | 72.9 |
| **TOTAL U.S.** | 12,264 | 11,741 | 11,953 | 16,294 | 73.4 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | |
| *AUG.* 19, 1983 | 13,405● | 12,519● | 12,814● | 16,294 | 78.6● |
| *AUG.* 27, 1982 | 13,168 | 11,802 | 12,197 | 17,382 | 70.2 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | |
| *AUG.* 26, 1983 | 10,096 | 9,519 | 9,721 | 13,234 | 73.5 |
| *AUG.* 19, 1983 | 11,127● | 10,381● | 10,547● | 13,234 | 80.5● |
| *AUG.* 27, 1982 | 11,056 | 9,772 | 10,096 | 14,290 | 70.7 |

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 26, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 626 | 220 | 406 | 20 | 25 | 264 | 99 |
| Appal. No. 1 | 29 | 15 | 14 | 2 | -- | 24 | 2 |
| **DISTRICT 1 TOTAL** | 655 | 235 | 420 | 22 | 25 | 288 | 101 |
| Appal. No. 2 | 37 | 18 | 19 | 1 | -- | 15 | 3 |
| Ind., Ill., Ky. | 1,151 | 537 | 614 | 17 | 92 | 372 | 40 |
| Minn., Wis., Daks. | 173 | 109 | 64 | 3 | 12 | 68 | 6 |
| Okla., Kans., Mo. | 451 | 252 | 199 | 5 | 18 | 186 | 5 |
| **DISTRICT 2 TOTAL** | 1,812 | 916 | 896 | 26 | 122 | 641 | 54 |
| Inland Texas | 280 | 141 | 139 | 24 | 15 | 120 | 21 |
| Texas Gulf Coast | 1,022● | 428● | 594● | 41 | 100 | 436 | 169 |
| La. Gulf Coast | 1,033 | 426 | 607 | 15 | 215 | 349 | 101 |
| N. La. and Ark. | 69 | 37 | 32 | 9 | -- | 65 | 10 |
| New Mexico | 41 | 19 | 22 | 17 | 3 | 29 | 2 |
| **DISTRICT 3 TOTAL** | 2,445● | 1,051● | 1,394● | 106 | 333 | 999 | 303 |
| **DISTRICT 4 TOTAL** | 238 | 145 | 93 | 10 | 16 | 118 | 8 |
| **DISTRICT 5 TOTAL** | 1,038 | 458 | 580 | 55 | 261 | 346 | 263 |
| **TOTAL U.S.** | 6,188 | 2,805 | 3,383 | 219 | 757 | 2,392 | 729 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *AUG.* 19, 1983 | 6,722● | 3,075● | 3,647● | 184 | 837 | 2,642 | 700 |
| *AUG.* 27, 1982 | 6,354 | *N/A* | *N/A* | 212 | 791 | 2,661 | 978 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *AUG.* 26, 1983 | 5,150 | 2,347 | 2,803 | 164 | 496 | 2,046 | 466 |
| *AUG.* 19, 1983 | 5,709● | 2,658● | 3,051● | 143 | 612 | 2,296 | 472 |
| *AUG.* 27, 1982 | 5,474 | *N/A* | *N/A* | 150 | 542 | 2,339 | 630 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 26, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,827 | 2,882 | 2,944 | 1 | 82 | 822 | 11,030 | 1,641 | -- |
| Central Atlantic | 28,187 | 12,297 | 11,820 | 4,070 | 395 | 3,945 | 33,573 | 16,579 | 13,451 |
| Lower Atlantic | 27,481 | 14,303 | 12,850 | 328 | 81 | 2,818 | 14,437 | 3,081 | 548 |
| **DISTRICT 1 TOTAL** | 61,495 | 29,482 | 27,614 | 4,399 | 558 | 7,585 | 59,040 | 21,301 | 13,999 |
| **DISTRICT 2 TOTAL** | 64,868● | 30,289● | 25,991 | 8,588 | 1,912 | 7,554 | 35,025● | 3,501 | 17,724 |
| **DISTRICT 3 TOTAL** | 62,205● | 23,606● | 21,367● | 17,232 | 3,424 | 9,923● | 30,991 | 13,399 | 51,408● |
| **DISTRICT 4 TOTAL** | 5,752 | 2,583 | 1,633 | 1,536 | 371 | 721 | 3,236 | 537 | 2,561 |
| **DISTRICT 5 TOTAL** | 31,292 | 10,359 | 11,435 | 9,498 | 1,737 | 5,854 | 10,894 | 6,822 | 25,028 |
| **TOTAL U.S.** | 225,612 | 96,319 | 88,040 | 41,253 | 8,002 | 31,637 | 139,186 | 45,560 | 110,720 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| *AUG.* 19, 1983 | 225,117● | 96,688● | 89,212● | 39,217 | 7,467 | 32,965● | 137,553● | 45,989 | 108,174● |
| *AUG.* 27, 1982 | 225,097 | *N/A* | 91,933 | *N/A* | 6,065 | 33,968 | 158,428 | 50,689 | 118,700 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| *AUG.* 26, 1983 | 194,320 | 85,960 | 76,605 | 31,755 | 6,265 | 25,783 | 128,292 | 38,738 | 85,692 |
| *AUG.* 19, 1983 | 194,332● | 86,803● | 77,958● | 29,571 | 5,837 | 27,243● | 126,140● | 38,461 | 83,306● |
| *AUG.* 27, 1982 | 197,904 | *N/A* | 81,660 | *N/A* | 4,669 | 28,018 | 147,781 | 42,657 | 93,645 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 7

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 26, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | **API Monthly** | **Latest Dept. of Energy** *APRIL* 1983 | **Total** | **From Canada** | **Crude Oil Stocks By Location[1]** |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *AUG.* 26, 1983 | 5,882.5 | 5,884.0 | 3,830 | 274 | 265,010 |
| *AUG.* 19, 1983 | 5,882.5 | -- | 4,236● | 283 | 258,410● |
| *AUG.* 12, 1983 | 5,882.5 | -- | 3,196 | 213 | 258,354 |
| *AUG.* 5, 1983 | 5,876.0 | -- | 2,997 | 400 | 260,744 |
| **DISTRICT 5 TOTAL** | | | | | |
| *AUG.* 26, 1983 | 2,809.0 | 2,833.0 | 404 | 8 | 83,478 * |
| *AUG.* 19, 1983 | 2,809.0 | -- | 273 | 41 | 86,612 |
| *AUG.* 12, 1983 | 2,809.0 | -- | 404 | 25 | 83,033 |
| *AUG.* 5, 1983 | 2,819.0 | -- | 217 | 12 | 83,232 |
| ***INCLUDES** 25,921 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* | | | | | |
| **TOTAL U.S.** | | | | | |
| *AUG.* 26, 1983 | 8,691.5 | 8,717.0 | 4,234 | 282 | 348,488 * |
| *AUG.* 19, 1983 | 8,691.5 | -- | 4,509● | 324 | 345,022● |
| *AUG.* 12, 1983 | 8,691.5 | -- | 3,600 | 238 | 341,387 |
| *AUG.* 5, 1983 | 8,695.0 | -- | 3,214 | 412 | 343,976 |
| *AUG.* 27, 1982 | 8,620.3/*A* | -- | 3,053 | 199 | 356,406 |

*/A DOE ACTUAL FOR AUGUST* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| **Location** | **District 1** | **District 2** | **District 3** | **District 4** | **Districts 1–4** | **District 5** | **Total U.S.** |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *AUG.* 26, 1983 | 16,936 | 74,825 | 160,413 | 12,836 | 265,010 | 83,478 * | 348,488 * |
| *AUG.* 19, 1983 | 16,910 | 75,536 | 153,034● | 12,930 | 258,410● | 86,612 | 345,022● |
| *AUG.* 27, 1982 | 21,601 | 72,946 | 157,289 | 13,232 | 265,068 | 91,338 | 356,406 |

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[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *AUGUST* 26, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| New England | -- | -- | -- | -- | -- | 70 | 139 | 3 | -- | -- | 212 |
| Central Atlantic | 247 | 101 | 146 | -- | 37 | 191 | 434 | 12 | 234 | 38● | 1,193● |
| Lower Atlantic | 60 | 42 | 18 | -- | -- | 58 | 200 | -- | -- | -- | 318 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *AUG.* 26, 1983 | 307 | 143 | 164 | -- | 37 | 319 | 773 | 15 | 234 | 38 | 1,723 |
| *AUG.* 19, 1983 | 280 | 69 | 211 | -- | 7 | 243 | 771 | 20 | 31 | 229● | 1,581● |
| *AUG.* 12, 1983 | 209 | 108 | 101 | -- | 16 | 194 | 599 | 13 | 169 | 99 | 1,299 |
| *AUG.* 5, 1983 | 119 | 59 | 60 | -- | 5 | 376 | 672 | 11 | 119 | 156 | 1,458 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| *AUG.* 26, 1983 | 4 | 2 | 2 | -- | 4 | 5 | 60 | 141 | 108 | 260 | 582 |
| *AUG.* 19, 1983 | 2 | 2 | -- | -- | -- | 6 | 20 | 149 | 170 | 34● | 381● |
| *AUG.* 12, 1983 | 2 | 1 | 1 | -- | -- | 11 | 20 | 143 | 89 | 22 | 287 |
| *AUG.* 5, 1983 | -- | -- | -- | -- | -- | 4 | 24 | 157 | 234 | 5 | 424 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *AUG.* 26, 1983 | 41 | 29 | 12 | -- | 2 | 5 | 40 | 18 | -- | 9 | 115 |
| *AUG.* 19, 1983 | 56 | 49 | 7 | -- | -- | 4 | 19 | 20 | 3 | 11 | 113 |
| *AUG.* 12, 1983 | 27 | 18 | 9 | -- | -- | 6 | 47 | 56 | 2 | 10 | 148 |
| *AUG.* 5, 1983 | 30 | 23 | 7 | -- | 10 | 7 | 19 | 16 | 3 | 5 | 90 |
| **TOTAL U.S.** | 352 | 174 | 178 | -- | 43 | 329 | 873 | 174 | 342 | 307 | 2,420 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *AUG.* 19, 1983 | 338 | 120 | 218 | -- | 7 | 253 | 810 | 189 | 204 | 274● | 2,075● |
| *AUG.* 12, 1983 | 238 | 127 | 111 | -- | 16 | 211 | [illegible] | 212 | 260 | 131 | 1,734 |
| *AUG.* 5, 1983 | 149 | 82 | 67 | -- | 15 | 387 | [illegible] | 184 | 356 | 166 | 1,972 |
| *AUG.* 27, 1982 | 272 | *N/A* | 66 | -- | -- | 69 | [illegible] | 162 | 76 | 29 | 1,110 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

● *SEE REVISIONS ON PAGE* 7

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 8/19/83 | PAGE 1 | TOTAL REFINERY INPUT | LA. GULF COAST | 2,150 |
| | | | DISTRICT 3 TOTAL | 6,220 |
| | | | TOTAL U.S. | 13,405 |
| | | | DISTRICTS 1-4 | 11,127 |
| | | CRUDE OIL RUNS | LA. GULF COAST | 1,957 |
| | | | DISTRICT 3 TOTAL | 5,725 |
| | | | TOTAL U.S. | 12,519 |
| | | | DISTRICTS 1-4 | 10,381 |
| | | INPUT TO CRUDE OIL | LA. GULF COAST | 1,982 |
| | | | DISTRICT 3 TOTAL | 5,872 |
| | | | TOTAL U.S. | 12,814 |
| | | | DISTRICTS 1-4 | 10,647 |
| | | o/o OPERATED | LA. GULF COAST | 68.9 |
| | | | DISTRICT 3 TOTAL | 75.7 |
| | | | TOTAL U.S. | 78.6 |
| | | | DISTRICTS 1-4 | 80.5 |
| | PAGE 2 | TOTAL MGAS | TEXAS GULF COAST | 1,505 |
| | | | DISTRICT 3 TOTAL | 3,014 |
| | | | TOTAL U.S. | 6,722 |
| | | | DISTRICTS 1-4 | 5,709 |
| | | LEADED MGAS | TEXAS GULF COAST | 705 |
| | | | DISTRICT 3 TOTAL | 1,323 |
| | | | TOTAL U.S. | 3,075 |
| | | | DISTRICTS 1-4 | 2,658 |
| | | UNLEADED MGAS | TEXAS GULF COAST | 800 |
| | | | DISTRICT 3 TOTAL | 1,691 |
| | | | TOTAL U.S. | 3,647 |
| | | | DISTRICTS 1-4 | 3,051 |
| | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 63,005 |
| | | | DISTRICT 3 TOTAL | 62,998 |
| | | | TOTAL U.S. | 225,117 |
| | | | DISTRICTS 1-4 | 194,332 |
| | | LEADED MGAS | DISTRICT 2 TOTAL | 30,798 |
| | | | DISTRICT 3 TOTAL | 23,065 |
| | | | TOTAL U.S. | 96,688 |
| | | | DISTRICTS 1-4 | 86,803 |
| | | UNLEADED MGAS | DISTRICT 3 TOTAL | 23,236 |
| | | | TOTAL U.S. | 89,212 |

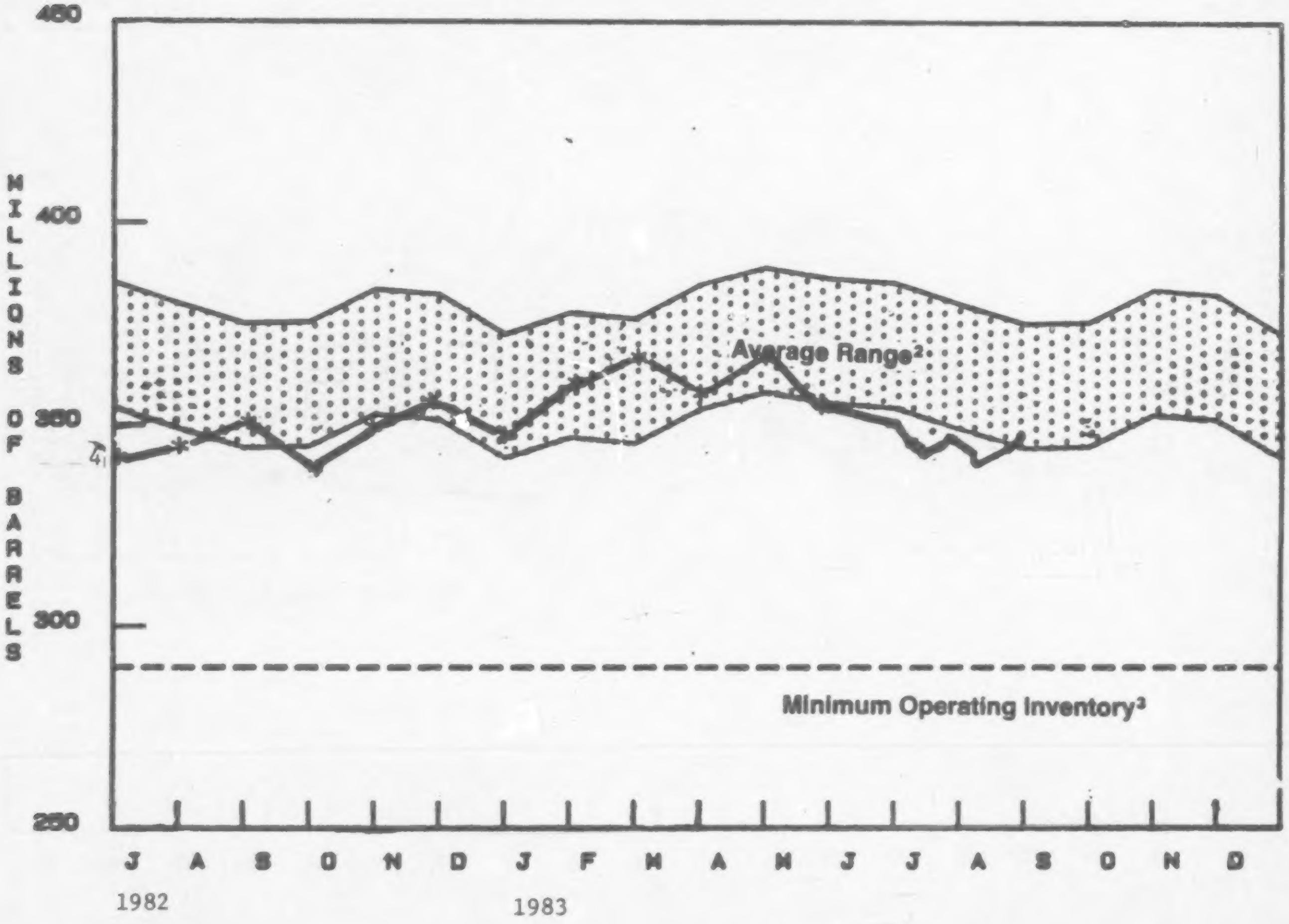
# REVISIONS

| | | | |
|---|---|---|---|
| | | DISTRICTS 1-4 | 77,958 |
| | KEROSINE JET | DISTRICT 3 TOTAL | 10,214 |
| | | TOTAL U.S. | 32,965 |
| | | DISTRICTS 1-4 | 27,243 |
| | DISTILLATE FUEL | DISTRICT 2 TOTAL | 33,364 |
| | | TOTAL U.S. | 137,553 |
| | | DISTRICTS 1-4 | 126,140 |
| | UNFINISHED OILS | DISTRICT 3 TOTAL | 49,644 |
| | | TOTAL U.S. | 108,174 |
| | | DISTRICTS 1-4 | 83,306 |
| PAGE 4 TOP | TOTAL CRUDE OIL IMPORTS | DISTRICTS 1-4 TOTAL | 4,236 |
| | | TOTAL U.S. | 4,509 |
| | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 258,410 |
| | | TOTAL U.S. | 345,022 |
| PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 3 | 153,034 |
| | TOTAL | TOTAL PAD DISTRICTS 1-4 | 258,410 |
| | TOTAL | TOTAL U.S. | 345,022 |
| PAGE 5 | OTHER | CENTRAL ATLANTIC | 229 |
| | | DISTRICT 1 TOTAL | 229 |
| | | DISTRICTS 2-4 TOTAL | 34 |
| | | TOTAL U.S. | 274 |
| | TOTAL | CENTRAL ATLANTIC | 1,335 |
| | | DISTRICT 1 TOTAL | 1,581 |
| | | DISTRICTS 2-4 TOTAL | 381 |
| | | TOTAL U.S. | 2,075 |

PAGE 8

Week Ended August 19, 1983

## Crude Oil Stocks at Primary Level[1] 5



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-Dec[illegible]ber 1981.

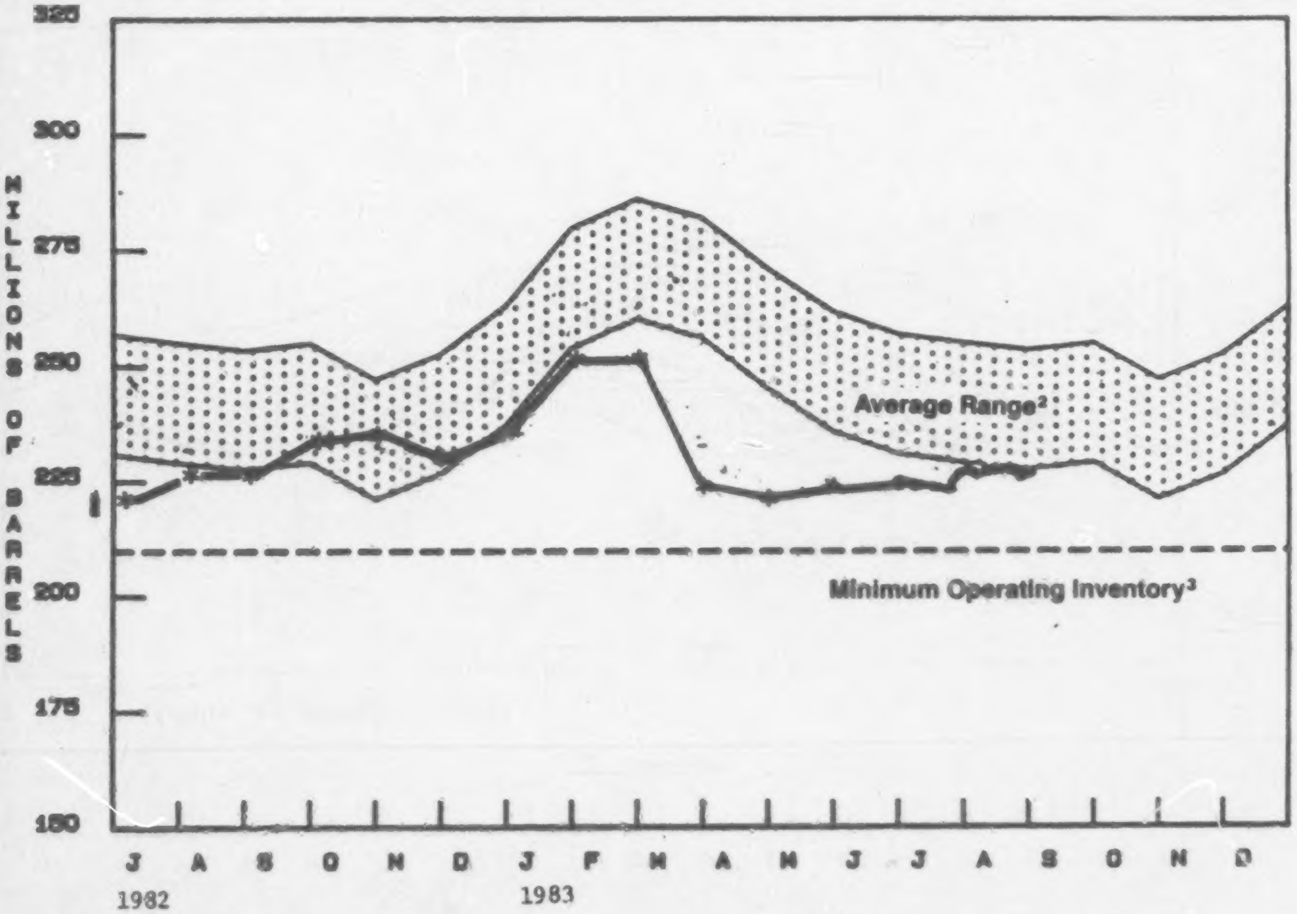
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended August 19, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

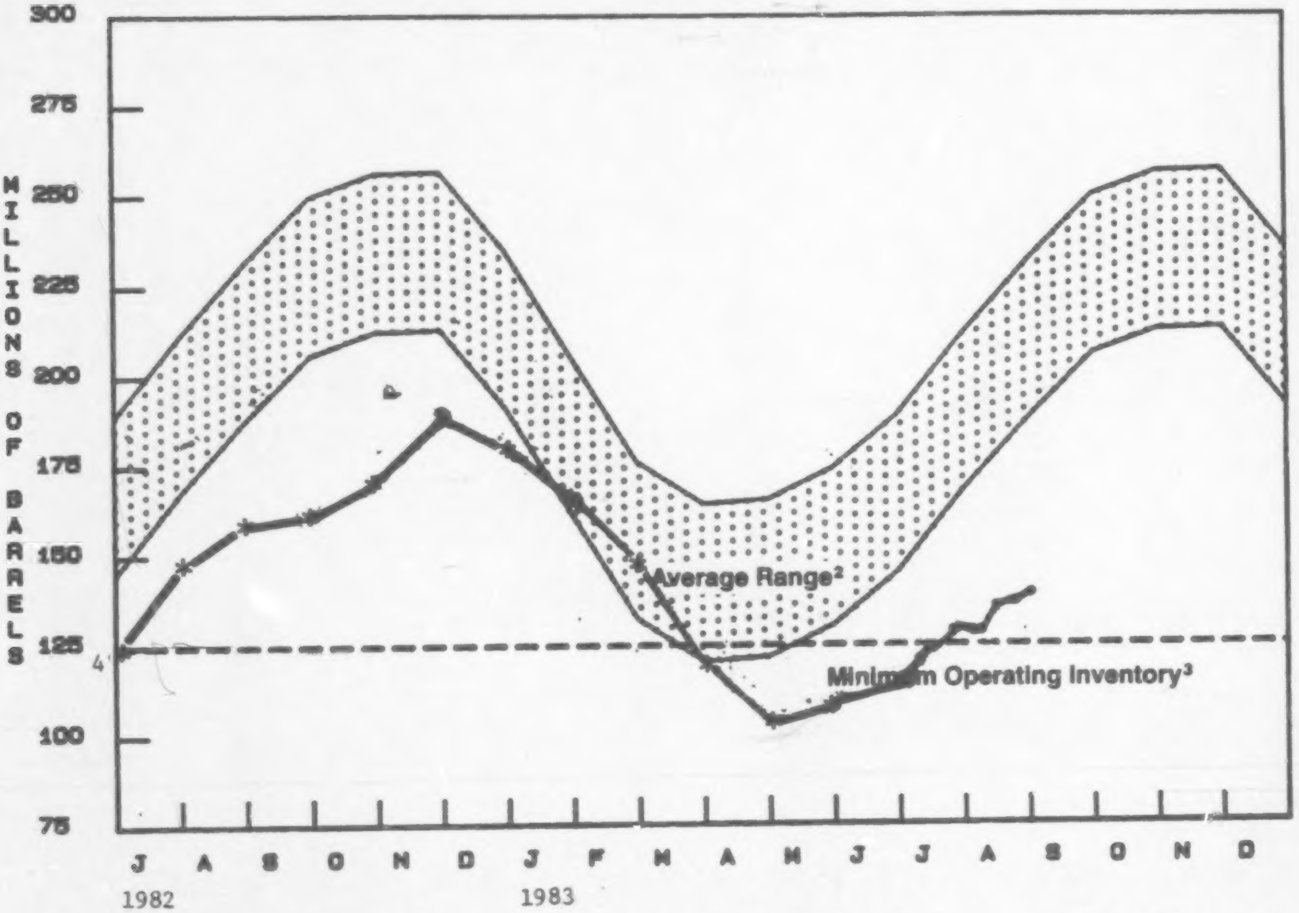
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

9/12/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *SEPTEMBER* 2, 1983 **NO.** 35

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 09/02/83 | Last Week Ending: 08/26/83 | Last Year Week Ending: 09/03/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,706 | 11,953 | 12,288 | + 753 | + 418 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 78.0 | 73.4 | 70.7 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,756 | 6,188 | 6,535 | + 568 | + 221 |
| Finished leaded motor gasoline production | 2,934 | 2,805 | *N/A* | + 129 | *N/A* |
| Finished unleaded motor gasoline production | 3,822 | 3,383 | *N/A* | + 439 | *N/A* |
| Total motor gasoline stocks | 223,707 | 225,073 | 226,374 | - 1,366 | - 2,667 |
| Finished leaded motor gasoline stocks | 95,918 | 96,319 | *N/A* | - 401 | *N/A* |
| Finished unleaded motor gasoline stocks | 87,222 | 88,040 | 92,599 | - 818 | - 5,377 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,683 | 2,392 | 2,588 | + 291 | + 95 |
| Distillate fuel oil stocks | 142,376 | 139,858 | 160,247 | + 2,518 | - 17,871 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 701 | 729 | 1,087 | - 28 | - 386 |
| Residual fuel oil stocks | 45,577 | 45,560 | 52,427 | + 17 | - 6,850 |
| Imports | | | | | |
| Crude oil imports | 3,980 | 4,260 | 3,621 | - 280 | + 359 |
| Product imports | 1,724 | 2,420 | 1,357 | - 696 | + 367 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 350,400 | 348,281 | 348,641 | + 2,119 | + 1,759 |

*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

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**American Petroleum Institute**
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# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *SEPTEMBER* 2, 1983 **NO.** 35

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,269 | 1,107 | 1,130 | 1,229 | 91.9 |
| Appal. No. 1 | 85 | 82 | 82 | 177 | 46.3 |
| **DISTRICT 1 TOTAL** | 1,354 | 1,189 | 1,212 | 1,406 | 86.2 |
| Appal. No. 2 | 64 | 61 | 64 | 66 | 97.0 |
| Ind., Ill., Ky. | 2,133 | 1,940 | 1,987 | 2,345 | 84.7 |
| Minn., Wis., Daks. | 296 | 287 | 293 | 296 | 99.0 |
| Okla., Kans., Mo. | 751 | 704 | 725 | 827 | 87.7 |
| **DISTRICT 2 TOTAL** | 3,244 | 2,992 | 3,069 | 3,534 | 86.8 |
| Inland Texas | 531 | 480 | 493 | 585 | 84.3 |
| Texas Gulf Coast | 3,001 | 2,723 | 2,843 | 3,907 | 72.8 |
| La. Gulf Coast | 2,207 | 2,048 | 2,093 | 2,875 | 72.8 |
| N. La. and Ark. | 211 | 218 | 216 | 286 | 75.5 |
| New Mexico | 94 | 75 | 75 | 105 | 71.4 |
| **DISTRICT 3 TOTAL** | 6,044 | 5,544 | 5,720 | 7,758 | 73.7 |
| **DISTRICT 4 TOTAL** | 429 | 449 | 451 | 536 | 84.1 |
| **DISTRICT 5 TOTAL** | 2,247 | 2,249 | 2,254 | 3,060 | 73.7 |
| **TOTAL U.S.** | 13,318 | 12,423 | 12,706 | 16,294 | 78.0 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *AUG.* 26, 1983 | 12,264 | 11,741 | 11,953 | 16,294 | 73.4 |
| *SEP.* 3, 1982 | 13,169 | 11,816 | 12,288 | 17,382 | 70.7 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *SEP.* 2, 1983 | 11,071 | 10,174 | 10,452 | 13,234 | 79.0 |
| *AUG.* 26, 1983 | 10,096 | 9,519 | 9,721 | 13,234 | 73.5 |
| *SEP.* 3, 1982 | 11,085 | 9,804 | 10,175 | 14,290 | 71.2 |

API WEEKLY STATISTICAL BULLETIN
Week Ended *SEPTEMBER* 2, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 623 | 282 | 341 | 13 | 25 | 270 | 95 |
| Appal. No. 1 | 28 | 14 | 14 | 1 | -- | 24 | 3 |
| **DISTRICT 1 TOTAL** | 651 | 296 | 355 | 14 | 25 | 294 | 99 |
| Appal. No. 2 | 36 | 18 | 18 | 1 | 2 | 19 | 3 |
| Ind., Ill., Ky. | 1,327 | 521 | 806 | 5 | 102 | 410 | 22 |
| Minn., Wis., Daks. | 173 | 112 | 61 | 2 | 11 | 67 | 7 |
| Okla., Kans., Mo. | 478 | 252 | 226 | 10 | 32 | 190 | 17 |
| **DISTRICT 2 TOTAL** | 2,014 | 903 | 1,111 | 18 | 147 | 686 | 49 |
| Inland Texas | 252 | 124 | 128 | 25 | 21 | 112 | 19 |
| Texas Gulf Coast | 1,382 | 583 | 799 | 48 | 168 | 605 | 188 |
| La. Gulf Coast | 1,042 | 378 | 664 | 13 | 219 | 397 | 91 |
| N. La. and Ark. | 76 | 37 | 39 | 5 | -- | 65 | 13 |
| New Mexico | 37 | 19 | 18 | 11 | 1 | 22 | 1 |
| **DISTRICT 3 TOTAL** | 2,789 | 1,141 | 1,648 | 102 | 409 | 1,201 | 312 |
| **DISTRICT 4 TOTAL** | 258 | 174 | 84 | 9 | 10 | 126 | 7 |
| **DISTRICT 5 TOTAL** | 1,044 | 420 | 624 | 49 | 237 | 376 | 234 |
| **TOTAL U.S.** | 6,756 | 2,934 | 3,822 | 192 | 828 | 2,683 | 701 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | |
| *AUG.* 26, 1983 | 6,188 | 2,805 | 3,383 | 219 | 757 | 2,392 | 729 |
| *SEP.* 3, 1982 | 6,535 | *N/A* | *N/A* | 196 | 795 | 2,588 | 1,087 |
| **DISTRICTS 1–4<br>Weeks Ended:** | | | | | | | |
| *SEP.* 2, 1983 | 5,712 | 2,514 | 3,198 | 143 | 591 | 2,307 | 467 |
| *AUG.* 26, 1983 | 5,150 | 2,347 | 2,803 | 164 | 496 | 2,046 | 466 |
| *SEP.* 3, 1982 | 5,592 | *N/A* | *N/A* | 162 | 569 | 2,242 | 781 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 2, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,633 | 3,112 | 2,520 | 1 | 110 | 875 | 11,614 | 1,931 | -- |
| Central Atlantic | 28,614 | 12,264 | 11,833 | 4,517 | 358 | 3,709 | 34,184 | 16,321 | 13,350 |
| Lower Atlantic | 26,370 | 14,294 | 11,833 | 243 | 118 | 3,374● | 14,355 | 3,304 | 543 |
| **DISTRICT 1 TOTAL** | 60,617 | 29,670 | 26,186 | 4,761 | 586 | 7,958● | 60,153 | 21,556 | 13,893 |
| **DISTRICT 2 TOTAL** | 64,165● | 30,512 | 26,524 | 7,129● | 1,471● | 7,688● | 36,654● | 3,478 | 17,213 |
| **DISTRICT 3 TOTAL** | 62,151● | 22,727 | 21,570 | 17,854● | 2,848● | 10,469● | 31,883● | 13,175 | 53,753 |
| **DISTRICT 4 TOTAL** | 5,872 | 2,737 | 1,687 | 1,448 | 300 | 745 | 3,043 | 466 | 2,483 |
| **DISTRICT 5 TOTAL** | 30,902 | 10,272 | 11,255 | 9,375 | 1,711 | 5,902 | 10,643 | 6,902 | 25,194 |
| **TOTAL U.S.** | 223,707 | 95,918 | 87,222 | 40,567 | 6,916 | 32,762 | 142,376 | 45,577 | 112,536 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *AUG.* 26, 1983 | 225,073● | 96,319 | 88,040 | 40,714● | 6,943● | 32,589● | 139,858● | 45,560 | 110,720 |
| *SEP.* 3, 1982 | 226,374 | *N/A* | 92,599 | *N/A* | 5,889 | 34,314 | 160,247 | 52,427 | 116,467 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *SEP.* 2, 1983 | 192,805 | 85,646 | 75,967 | 31,192 | 5,205 | 26,860 | 131,733 | 38,675 | 87,342 |
| *AUG.* 26, 1983 | 193,781● | 85,960 | 76,605 | 31,216● | 5,206● | 26,735● | 128,964● | 38,738 | 85,692 |
| *SEP.* 3, 1982 | 199,284 | *N/A* | 82,532 | *N/A* | 4,505 | 28,249 | 149,636 | 43,937 | 91,174 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7
NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy APRIL 1983 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| SEP. 2, 1983 | 5,882.5 | 5,884.0 | 3,749 | 287 | 265,853 |
| AUG. 26, 1983 | 5,882.5 | -- | 3,856● | 274 | 264,803● |
| AUG. 19, 1983 | 5,882.5 | -- | 4,236 | 283 | 258,410 |
| AUG. 12, 1983 | 5,882.5 | -- | 3,196 | 213 | 258,354 |
| **DISTRICT 5 TOTAL** | | | | | |
| SEP. 2, 1983 | 2,809.0 | 2,833.0 | 231 | -- | 84,547 * |
| AUG. 26, 1983 | 2,809.0 | -- | 404 | 8 | 83,478 |
| AUG. 19, 1983 | 2,809.0 | -- | 273 | 41 | 86,612 |
| AUG. 12, 1983 | 2,809.0 | -- | 404 | 25 | 83,033 |

*INCLUDES 29,615 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

| Weeks Ended: | API Monthly | Latest Dept. of Energy APRIL 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| **TOTAL U.S.** | | | | | |
| SEP. 2, 1983 | 8,691.5 | 8,717.0 | 3,980 | 287 | 350,400 * |
| AUG. 26, 1983 | 8,691.5 | -- | 4,260● | 282 | 348,281● |
| AUG. 19, 1983 | 8,691.5 | -- | 4,509 | 324 | 345,022 |
| AUG. 12, 1983 | 8,691.5 | -- | 3,600 | 238 | 341,387 |
| SEP. 3, 1982 | 8,620.3/A | -- | 3,621 | 156 | 348,641 |

/A DOE ACTUAL FOR AUGUST 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| SEP. 2, 1983 | 16,971 | 75,051 | 161,103 | 12,728 | 265,853 | 84,547 * | 350,400 * |
| AUG. 26, 1983 | 16,936 | 74,825 | 160,413 | 12,629● | 264,803● | 83,478 | 348,281● |
| SEP. 3, 1982 | 18,697 | 72,906 | 159,251 | 12,495 | 263,349 | 85,292 | 348,641 |

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[1] See definitional notes, Page 6.

● SEE REVISIONS ON PAGE 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 2, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | 82 | -- | 11 | -- | -- | 93 |
| Central Atlantic | 184 | 76 | 108 | -- | 20 | 152 | 375 | -- | -- | 152 | 883 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 175 | -- | -- | -- | 175 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *SEP*. 2, 1983 | 184 | 76 | 108 | -- | 20 | 234 | 550 | 11 | -- | 152 | 1,151 |
| *AUG*. 26, 1983 | 307 | 143 | 164 | -- | 37 | 319 | 773 | 15 | 234 | 38 | 1,723 |
| *AUG*. 19, 1983 | 280 | 69 | 211 | -- | 7 | 243 | 771 | 20 | 31 | 229 | 1,581 |
| *AUG*. 12, 1983 | 209 | 108 | 101 | -- | 16 | 194 | 599 | 13 | 169 | 99 | 1,299 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *SEP*. 2, 1983 | 2 | 2 | -- | -- | -- | 5 | 35 | 152 | 251 | 14 | 459 |
| *AUG*. 26, 1983 | 4 | 2 | 2 | -- | 4 | 5 | 60 | 141 | 108 | 260 | 582 |
| *AUG*. 19, 1983 | 2 | 2 | -- | -- | -- | 6 | 20 | 149 | 170 | 34 | 381 |
| *AUG*. 12, 1983 | 2 | 1 | 1 | -- | -- | 11 | 20 | 143 | 89 | 22 | 287 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *SEP*. 2, 1983 | 26 | 18 | 8 | -- | 2 | 5 | 54 | 18 | -- | 9 | 114 |
| *AUG*. 26, 1983 | 41 | 29 | 12 | -- | 2 | 5 | 40 | 18 | -- | 9 | 115 |
| *AUG*. 19, 1983 | 56 | 49 | 7 | -- | -- | 4 | 19 | 20 | 3 | 11 | 113 |
| *AUG*. 12, 1983 | 27 | 18 | 9 | -- | -- | 6 | 47 | 56 | 2 | 10 | 148 |
| **TOTAL U.S.** | 212 | 96 | 116 | -- | 22 | 244 | 639 | 181 | 251 | 175 | 1,724 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *AUG*. 26, 1983 | 352 | 174 | 178 | -- | 43 | 329 | 873 | 174 | 342 | 307 | 2,420 |
| *AUG*. 19, 1983 | 338 | 120 | 218 | -- | 7 | 253 | 810 | 189 | 204 | 274 | 2,075 |
| *AUG*. 12, 1983 | 238 | 127 | 111 | -- | 16 | 211 | 666 | 212 | 260 | 131 | 1,734 |
| *SEP*. 3, 1982 | 329 | *N/A* | 107 | 8 | 41 | 74 | 563 | 161 | 156 | 25 | 1,357 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

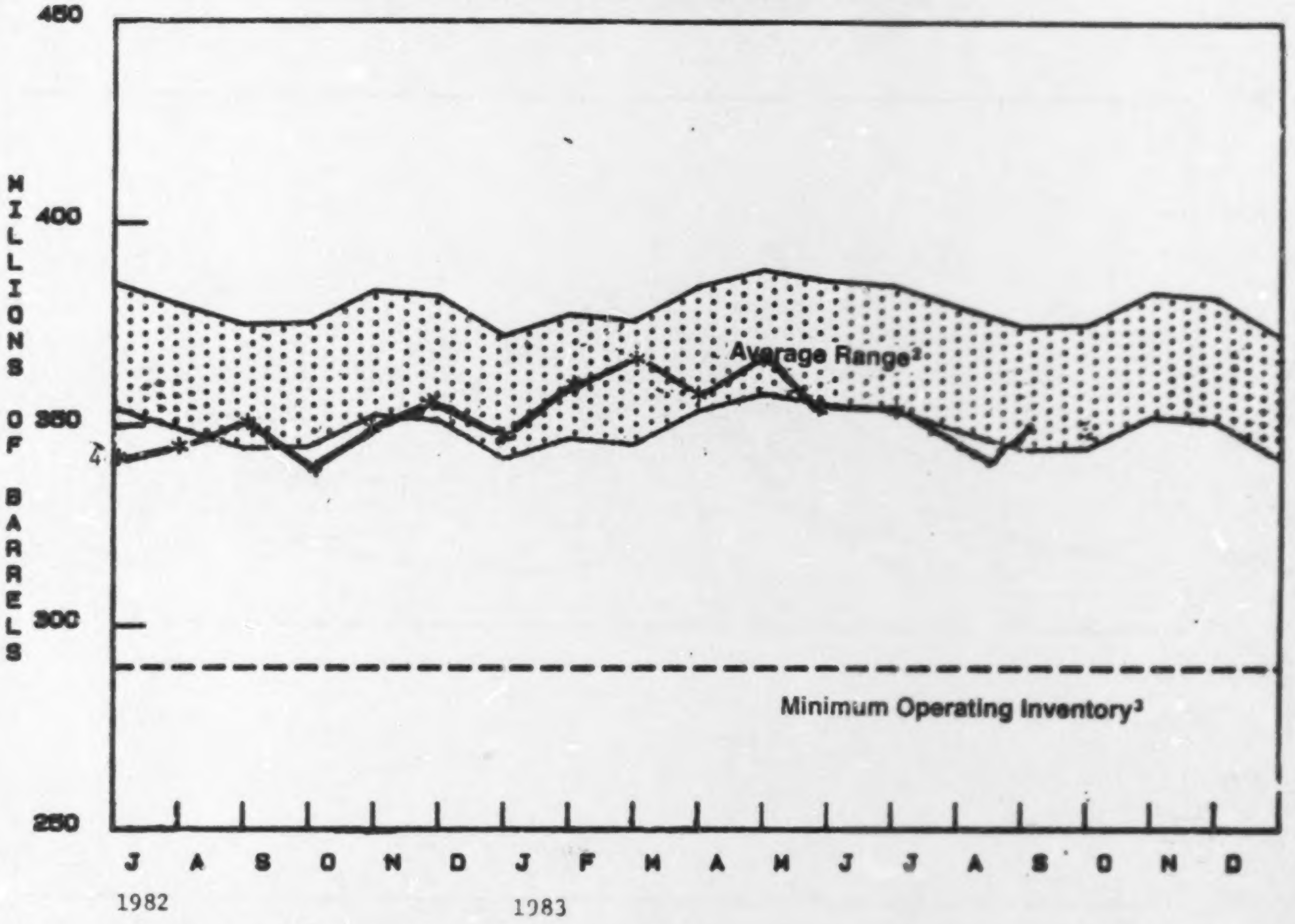
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 8/26/83 | PAGE 3 | TOTAL MGAS | DISTRICT 2 TOTAL | 64,420 |
| | | | DISTRICT 3 TOTAL | 62,114 |
| | | | TOTAL U.S. | 225,073 |
| | | | DISTRICTS 1-4 | 193,781 |
| | | BLENDING COMPS | DISTRICT 2 TOTAL | 8,140 |
| | | | DISTRICT 3 TOTAL | 17,141 |
| | | | TOTAL U.S. | 40,714 |
| | | | DISTRICTS 1-4 | 31,216 |
| | | NAPHTHA JET | DISTRICT 2 TOTAL | 1,661 |
| | | | DISTRICT 3 TOTAL | 2,616 |
| | | | TOTAL U.S. | 6,943 |
| | | | DISTRICTS 1-4 | 5,206 |
| | | KEROSINE JET | LOWER ATLANTIC | 2,711 |
| | | | DISTRICT 1 TOTAL | 7,478 |
| | | | DISTRICT 2 TOTAL | 7,805 |
| | | | DISTRICT 3 TOTAL | 10,731 |
| | | | TOTAL U.S. | 32,589 |
| | | | DISTRICTS 1-4 | 26,735 |
| | | DISTILLATE FUEL | DISTRICT 2 TOTAL | 35,473 |
| | | | DISTRICT 3 TOTAL | 31,215 |
| | | | TOTAL U.S. | 139,858 |
| | | | DISTRICTS 1-4 | 128,964 |
| | PAGE 4 TOP | TOTAL CRUDE OIL IMPORTS | DISTRICTS 1-4 TOTAL | 3,856 |
| | | | TOTAL U.S. | 4,260 |
| | | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 264,803 |
| | | | TOTAL U.S. | 348,281 |
| | PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 4 | 12,629 |
| | | TOTAL | TOTAL PAD DISTRICTS 1-4 | 264,803 |
| | | TOTAL | TOTAL U.S. | 348,281 |

## Crude Oil Stocks at Primary Level[1] 5



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

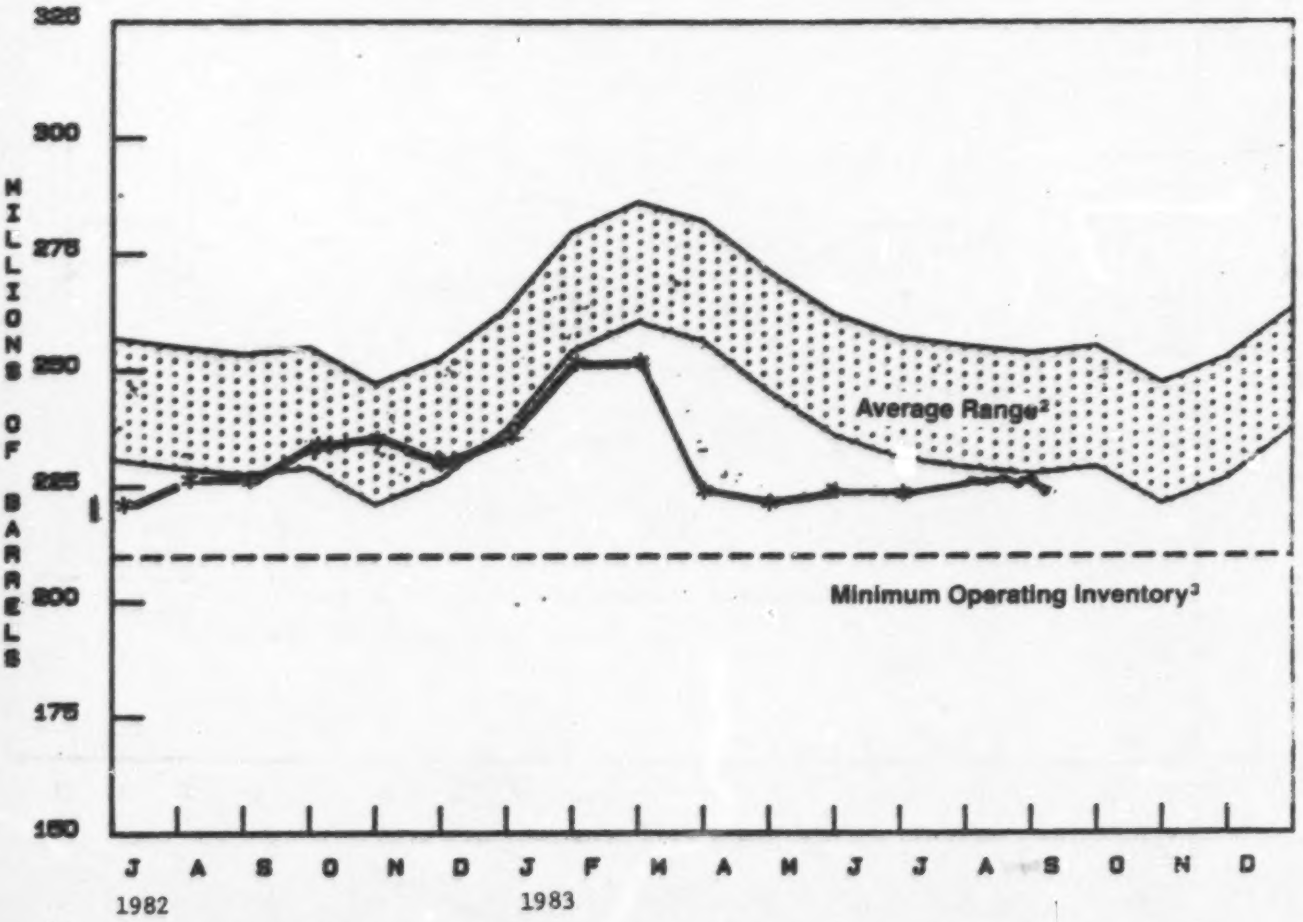
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended SEPTEMBER 2, 1983

## Motor Gasoline Stocks at Primary Level[1,5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

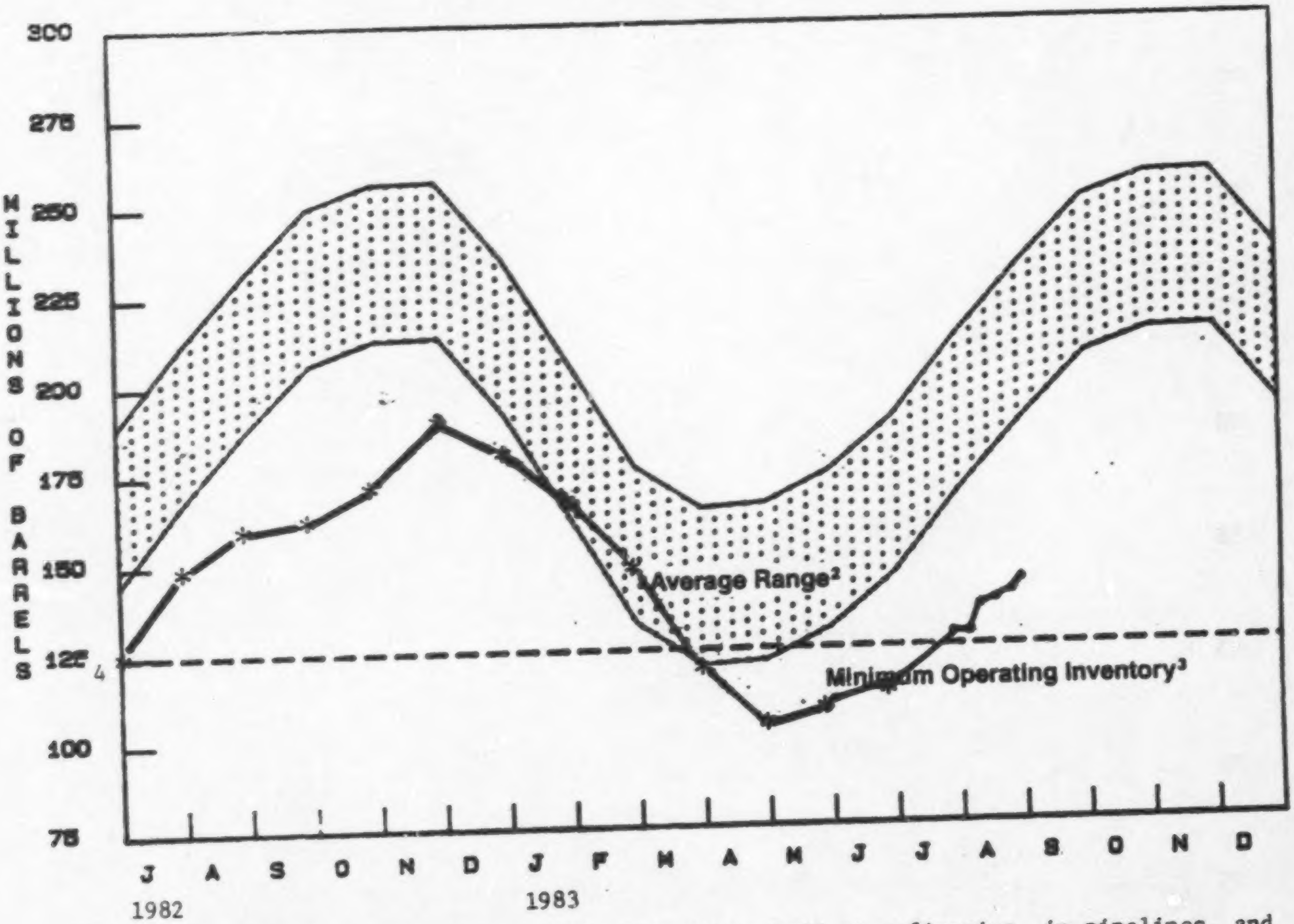
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API. "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

9/19/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** SEPTEMBER 9, 1983 **NO.** 36

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 09/09/83 | Last Week Ending: 09/02/83 | Last Year Week Ending: 09/10/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 13,013 | 12,635 | 12,447 | + 378 | + 566 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 79.9 | 77.5 | 71.6 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,755 | 6,737 | 6,590 | + 18 | + 165 |
| Finished leaded motor gasoline production | 2,998 | 2,943 | N/A | + 55 | N/A |
| Finished unleaded motor gasoline production | 3,757 | 3,794 | N/A | - 37 | N/A |
| Total motor gasoline stocks | 228,297 | 223,730 | 228,822 | + 4,567 | - 525 |
| Finished leaded motor gasoline stocks | 97,829 | 95,743 | N/A | + 2,086 | N/A |
| Finished unleaded motor gasoline stocks | 89,697 | 87,222 | 96,096 | + 2,475 | - 6,399 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,821 | 2,683 | 2,604 | + 138 | + 217 |
| Distillate fuel oil stocks | 146,434 | 142,263 | 163,043 | + 4,171 | - 16,609 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 774 | 701 | 1,053 | + 73 | - 279 |
| Residual fuel oil stocks | 45,750 | 45,577 | 54,799 | + 173 | - 9,049 |
| Imports | | | | | |
| Crude oil imports | 4,355 | 4,036 | 2,969 | + 319 | + 1,386 |
| Product imports | 1,628 | 1,724 | 1,272 | - 96 | + 356 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 348,981 | 350,571 | 351,435 | - 1,590 | - 2,454 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** SEPTEMBER 9, 1983 **NO.** 36

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,249 | 1,114 | 1,146 | 1,229 | 93.2 |
| Appal. No. 1 | 91 | 91 | 91 | 177 | 51.4 |
| **DISTRICT 1 TOTAL** | 1,340 | 1,205 | 1,237 | 1,406 | 88.0 |
| Appal. No. 2 | 65 | 61 | 62 | 66 | 93.9 |
| Ind., Ill., Ky. | 2,096 | 1,962 | 1,995 | 2,345 | 85.1 |
| Minn., Wis., Daks. | 297 | 287 | 298 | 296 | 100.7 |
| Okla., Kans., Mo. | 754 | 673 | 684 | 827 | 82.7 |
| **DISTRICT 2 TOTAL** | 3,212 | 2,983 | 3,039 | 3,534 | 86.0 |
| Inland Texas | 509 | 479 | 492 | 585 | 84.1 |
| Texas Gulf Coast | 3,388● | 2,998● | 3,092● | 3,907 | 79.1● |
| La. Gulf Coast | 2,228● | 2,112● | 2,122● | 2,875 | 73.8● |
| N. La. and Ark. | 205 | 199 | 210 | 286 | 73.4 |
| New Mexico | 89 | 72 | 72 | 105 | 68.6 |
| **DISTRICT 3 TOTAL** | 6,419● | 5,860● | 5,988● | 7,758 | 77.2● |
| **DISTRICT 4 TOTAL** | 428 | 449 | 451 | 536 | 84.1 |
| **DISTRICT 5 TOTAL** | 2,232● | 2,268● | 2,298● | 3,060 | 75.1● |
| **TOTAL U.S.** | 13,631 | 12,765 | 13,013 | 16,294 | 79.9 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| SEP. 2, 1983 | 13,262● | 12,372● | 12,635● | 16,294 | 77.5● |
| SEP. 10, 1982 | 13,447 | 12,063 | 12,447 | 17,382 | 71.6 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| SEP. 9, 1983 | 11,399 | 10,497 | 10,715 | 13,234 | 81.0 |
| SEP. 2, 1983 | 10,989● | 10,108● | 10,366● | 13,234 | 78.3● |
| SEP. 10, 1982 | 11,231 | 10,036 | 10,388 | 14,290 | 72.7 |

● *SEE REVISIONS ON PAGE 8*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 9, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 620 | 230 | 390 | 23 | 30 | 279 | 77 |
| Appal. No. 1 | 33 | 16 | 17 | 1 | -- | 25 | 4 |
| **DISTRICT 1 TOTAL** | 653 | 246 | 407 | 24 | 30 | 304 | 81 |
| Appal. No. 2 | 30 | 10 | 20 | 1 | -- | 14 | 3 |
| Ind., Ill., Ky. | 1,254 | 502 | 752 | 6 | 94 | 427 | 34 |
| Minn., Wis., Daks. | 169 | 105 | 64 | 2 | 14 | 66 | 6 |
| Okla., Kans., Mo. | 450 | 246 | 204 | 12 | 19 | 198 | 7 |
| **DISTRICT 2 TOTAL** | 1,903 | 863 | 1,040 | 21 | 127 | 705 | 50 |
| Inland Texas | 243 | 105 | 138 | 24 | 21 | 112 | 19 |
| Texas Gulf Coast | 1,489 | 650 | 839 | 28 | 203 | 694 | 242 |
| La. Gulf Coast | 1,045● | 478● | 567● | 17 | 240● | 432 | 85 |
| N. La. and Ark. | 64 | 34 | 30 | 6 | -- | 64 | 14 |
| New Mexico | 39 | 20 | 19 | 7 | 2 | 21 | 1 |
| **DISTRICT 3 TOTAL** | 2,880● | 1,287● | 1,593● | 82 | 466● | 1,323 | 361 |
| **DISTRICT 4 TOTAL** | 254 | 148 | 106 | 11 | 17 | 114 | 5 |
| **DISTRICT 5 TOTAL** | 1,065● | 454● | 611 | 33 | 256 | 375 | 277 |
| **TOTAL U.S.** | 6,755 | 2,998 | 3,757 | 171 | 896 | 2,821 | 774 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *SEP.* 2, 1983 | 6,737● | 2,943● | 3,794● | 192 | 815● | 2,683 | 701 |
| *SEP.* 10, 1982 | 6,590 | *N/A* | *N/A* | 204 | 828 | 2,604 | 1,053 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *SEP.* 9, 1983 | 5,690 | 2,544 | 3,146 | 138 | 640 | 2,446 | 497 |
| *SEP.* 2, 1983 | 5,671● | 2,501● | 3,170● | 143 | 578● | 2,307 | 467 |
| *SEP.* 10, 1982 | 5,632 | *N/A* | *N/A* | 146 | 553 | 2,280 | 745 |

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** SEPTEMBER 9, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| | | Motor Gasoline | | | Jet Fuel | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **DISTRICT** | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
| New England | 5,314● | 3,200● | 2,113● | 1 | 92 | 778 | 11,892● | 2,093 | -- |
| Central Atlantic | 29,946● | 12,902● | 12,523● | 4,521 | 302 | 3,351 | 35,480● | 16,131 | 13,723 |
| Lower Atlantic | 27,088 | 14,756 | 12,092 | 240 | 90 | 3,841 | 14,496 | 3,128 | 541 |
| **DISTRICT 1 TOTAL** | 62,348 | 30,858 | 26,728 | 4,762 | 484 | 7,970 | 61,868 | 21,352 | 14,264 |
| **DISTRICT 2 TOTAL** | 65,669 | 31,400 | 27,364 | 6,905 | 1,535 | 7,648 | 38,289 | 3,385 | 16,635 |
| **DISTRICT 3 TOTAL** | 63,429● | 22,502● | 22,226 | 18,701 | 2,758 | 9,797 | 32,463● | 13,031 | 54,102● |
| **DISTRICT 4 TOTAL** | 6,012 | 2,922 | 1,741 | 1,349 | 329 | 658 | 3,050 | 499 | 2,263 |
| **DISTRICT 5 TOTAL** | 30,839● | 10,147 | 11,638 | 9,054● | 1,915 | 6,187 | 10,764 | 7,483 | 24,791 |
| **TOTAL U.S.** | 228,297 | 97,829 | 89,697 | 40,771 | 7,021 | 32,260 | 146,434 | 45,750 | 112,055 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| SEP. 2, 1983 | 223,730● | 95,743● | 87,222 | 40,765● | 6,916 | 32,762 | 142,263● | 45,577 | 112,244● |
| SEP. 10, 1982 | 228,822 | N/A | 96,096 | N/A | 5,753 | 34,221 | 163,043 | 54,799 | 116,576 |
| **DISTRICTS 1-4**<br>**Weeks Ended:** | | | | | | | | | |
| SEP. 9, 1983 | 197,458 | 87,682 | 78,059 | 31,717 | 5,106 | 26,073 | 135,670 | 38,267 | 87,264 |
| SEP. 2, 1983 | 192,630● | 85,471● | 75,967 | 31,192 | 5,205 | 26,860 | 131,620● | 38,675 | 87,050● |
| SEP. 10, 1982 | 201,828 | N/A | 85,137 | N/A | 4,364 | 27,919 | 152,040 | 45,842 | 91,253 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● SEE REVISIONS ON PAGE 8

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *APRIL* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *SEP.* 9, 1983 | 5,850.0 | 5,884.0 | 3,858 | 221 | 263,559 |
| *SEP.* 2, 1983 | 5,836.0● | -- | 3,805● | 287 | 266,024● |
| *AUG.* 26, 1983 | 5,836.0● | -- | 3,856 | 274 | 264,803 |
| *AUG.* 19, 1983 | 5,836.0● | -- | 4,236 | 283 | 258,410 |
| **DISTRICT 5 TOTAL** | | | | | |
| *SEP.* 9, 1983 | 2,860.0 | 2,833.0 | 497 | 8 | 85,422 * |
| *SEP.* 2, 1983 | 2,812.6● | -- | 231 | -- | 84,547 |
| *AUG.* 26, 1983 | 2,812.6● | -- | 404 | 8 | 83,478 |
| *AUG.* 19, 1983 | 2,812.6● | -- | 273 | 41 | 86,612 |
| **TOTAL U.S.** | | | | | |
| *SEP.* 9, 1983 | 8,710.0 | 8,717.0 | 4,355 | 229 | 348,981 * |
| *SEP.* 2, 1983 | 8,648.6● | -- | 4,036● | 287 | 350,571● |
| *AUG.* 26, 1983 | 8,648.6● | -- | 4,260 | 282 | 348,281 |
| *AUG.* 19, 1983 | 8,648.6● | -- | 4,509 | 324 | 345,022 |
| *SEP.* 10, 1982 | 8,706.1 /A | -- | 2,969 | 162 | 351,435 |

**INCLUDES* 28,860 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A DOE ACTUAL FOR SEPTEMBER* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *SEP.* 9, 1983 | 15,072 | 73,649 | 161,984 | 12,854 | 263,559 | 85,422 * | 348,981 * |
| *SEP.* 2, 1983 | 16,971 | 75,051 | 161,274● | 12,728 | 266,024● | 84,547 | 350,571● |
| *SEP.* 10, 1982 | 17,917 | 72,364 | 159,861 | 12,435 | 262,577 | 88,858 | 351,435 |

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 9, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | 15 | 54 | 11 | -- | -- | 80 |
| Central Atlantic | 167 | 80 | 87 | -- | 34 | 171 | 471 | -- | 35 | 95 | 973 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 129 | -- | -- | -- | 129 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *SEP.* 9, 1983 | 167 | 80 | 87 | -- | 34 | 186 | 654 | 11 | 35 | 95 | 1,182 |
| *SEP.* 2, 1983 | 184 | 76 | 108 | -- | 20 | 234 | 550 | 11 | -- | 152 | 1,151 |
| *AUG.* 26, 1983 | 307 | 143 | 164 | -- | 37 | 319 | 773 | 15 | 234 | 38 | 1,723 |
| *AUG.* 19, 1983 | 280 | 69 | 211 | -- | 7 | 243 | 771 | 20 | 31 | 229 | 1,581 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *SEP.* 9, 1983 | -- | -- | -- | -- | 4 | 7 | -- | 158 | 165 | 31 | 365 |
| *SEP.* 2, 1983 | 2 | 2 | -- | -- | -- | 5 | 35 | 152 | 251 | 14 | 459 |
| *AUG.* 26, 1983 | 4 | 2 | 2 | -- | 4 | 5 | 60 | 141 | 108 | 260 | 582 |
| *AUG.* 19, 1983 | 2 | 2 | -- | -- | -- | 6 | 20 | 149 | 170 | 34 | 381 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *SEP.* 9, 1983 | 24 | 16 | 8 | -- | -- | 5 | 26 | 18 | -- | 8 | 81 |
| *SEP.* 2, 1983 | 26 | 18 | 8 | -- | 2 | 5 | 54 | 18 | -- | 9 | 114 |
| *AUG.* 26, 1983 | 41 | 29 | 12 | -- | 2 | 5 | 40 | 18 | -- | 9 | 115 |
| *AUG.* 19, 1983 | 56 | 49 | 7 | -- | -- | 4 | 19 | 20 | 3 | 11 | 113 |
| **TOTAL U.S.** | 191 | 96 | 95 | -- | 38 | 198 | 680 | 187 | 200 | 134 | 1,628 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *SEP.* 2, 1983 | 212 | 96 | 116 | -- | 22 | 244 | 639 | 181 | 251 | 175 | 1,724 |
| *AUG.* 26, 1983 | 352 | 174 | 178 | -- | 43 | 329 | 873 | 174 | 342 | 307 | 2,420 |
| *AUG.* 19, 1983 | 338 | 120 | 218 | -- | 7 | 253 | 810 | 189 | 204 | 274 | 2,075 |
| *SEP.* 10, 1982 | 262 | *N/A* | 60 | 3 | 6 | 92 | 688 | 144 | 59 | 11 | 1,272 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | August 1983 | July 1983 | April 1983 |
| Florida | 59.0 | 62.0 | 59.0 |
| New York-Pennsylvania | 14.0 | 14.0 | 14.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 8.0 | 10.0 |
| Illinois | 82.0 | 82.0 | 78.0 |
| Indiana | 19.0 | 16.0 | 21.0 |
| Kansas | 196.0 | 200.0 | 199.0 |
| Kentucky | 23.0 | 23.0 | 22.0 |
| Michigan | 91.0 | 90.0 | 94.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 4.0 |
| Nebraska | 18.0 | 18.0 | 18.0 |
| Ohio | 40.0 | 40.0 | 40.0 |
| Oklahoma | 440.0 | 435.0 | 456.0 |
| North Dakota | 140.0 | 142.0 | 142.0 |
| South Dakota | 3.0 | 3.0 | 3.0 |
| Alabama | 53.0 | 54.0 | 52.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 84.0 | 86.0 | 84.0 |
| New Mexico-So. East | 186.0 | 186.0 | 189.0 |
| New Mexico-Other | 14.0 | 14.0 | 17.0 |
| North Louisiana | 95.0 | 95.0 | 94.0 |
| South Louisiana | 1,185.0 | 1,205.0 | 1,189.0 |
| Total Louisiana | 1,280.0 | 1,300.0 | 1,283.0 |
| Texas | | | |
| District 1 | 67.0 | 67.0 | 67.0 |
| District 2 | 108.0 | 110.0 | 110.0 |
| District 3 | 362.0 | 365.0 | 367.0 |
| District 4 | 75.0 | 75.0 | 74.0 |
| District 5 | 24.0 | 24.0 | 23.0 |
| District 6, East Texas Field | 142.0 | 143.0 | 142.0 |
| Other | 114.0 | 114.0 | 117.0 |
| District 7-B | 91.0 | 91.0 | 92.0 |
| District 7-C | 95.0 | 95.0 | 95.0 |
| District 8 and 8-A | 1,250.0 | 1,252.0 | 1,261.0 |
| District 9 | 105.0 | 105.0 | 105.0 |
| District 10 | 57.0 | 57.0 | 58.0 |
| Total Texas | 2,490.0 | 2,498.0 | 2,511.0 |
| Colorado | 80.0 | 82.0 | 77.0 |
| Montana | 81.0 | 82.0 | 85.0 |
| Utah | 64.0 | 64.0 | 64.0 |
| Wyoming | 315.0 | 321.0 | 310.0 |
| Total Dists. 1-4 | 5,836.0 | 5,876.0 | 5,884.0 |
| Alaska | 1,693.6 | 1,707.0 | 1,720.0 |
| Arizona | 1.0 | 1.0 | - |
| California | 1,116.0 | 1,109.0 | 1,111.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,812.6 | 2,819.0 | 2,833.0 |
| Total U.S. | 8,648.6 | 8,695.0 | 8,717.0 |

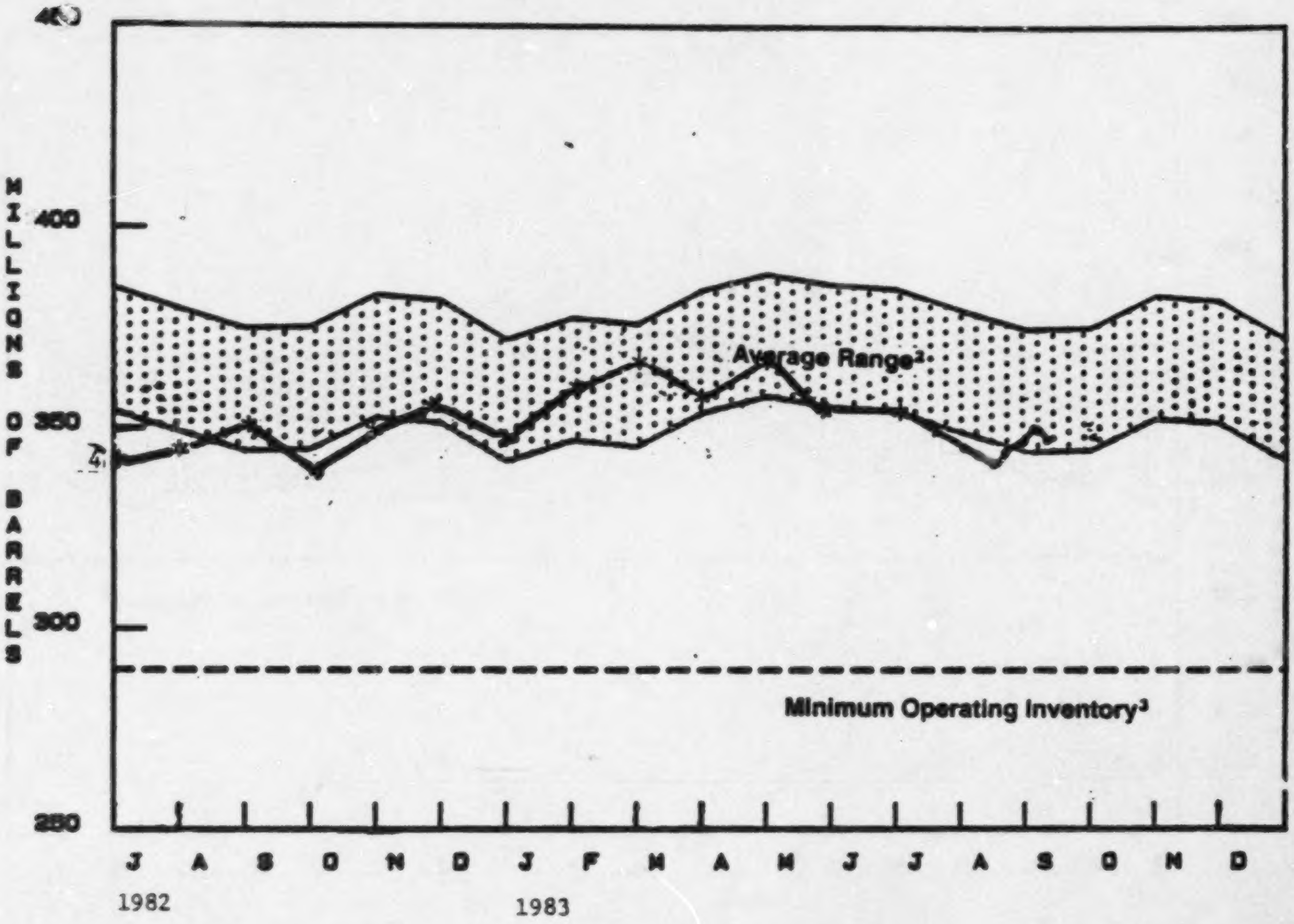
## REVISIONS

| | | | | |
|---|---|---|---|---|
| 9/02/83 | PAGE 1 | TOTAL REFINERY INPUT | TEXAS GULF COAST | 2,955 |
| | | | LA. GULF COAST | 2,171 |
| | | | DISTRICT 3 TOTAL | 5,962 |
| | | | DISTRICT 5 TOTAL | 2,273 |
| | | | TOTAL U.S. | 13,262 |
| | | | DISTRICTS 1-4 | 10,989 |
| | | CRUDE OIL RUNS | TEXAS GULF COAST | 2,677 |
| | | | LA. GULF COAST | 2,028 |
| | | | DISTRICT 3 TOTAL | 5,478 |
| | | | DISTRICT 5 TOTAL | 2,264 |
| | | | TOTAL U.S. | 12,372 |
| | | | DISTRICTS 1-4 | 10,108 |
| | | INPUT TO CRUDE OIL | TEXAS GULF COAST | 2,797 |
| | | | LA. GULF COAST | 2,053 |
| | | | DISTRICT 3 TOTAL | 5,634 |
| | | | DISTRICT 5 TOTAL | 2,269 |
| | | | TOTAL U.S. | 12,635 |
| | | | DISTRICTS 1-4 | 10,366 |
| | | o/o OPERATED | TEXAS GULF COAST | 71.6 |
| | | | LA. GULF COAST | 71.4 |
| | | | DISTRICT 3 TOTAL | 72.6 |
| | | | DISTRICT 5 TOTAL | 74.2 |
| | | | TOTAL U.S. | 77.5 |
| | | | DISTRICTS 1-4 | 78.3 |
| | PAGE 2 | TOTAL MGAS | LA. GULF COAST | 1,001 |
| | | | DISTRICT 3 TOTAL | 2,748 |
| | | | DISTRICT 5 TOTAL | 1,066 |
| | | | TOTAL U.S. | 6,737 |
| | | | DISTRICTS 1-4 | 5,671 |
| | | LEADED MGAS | LA. GULF COAST | 365 |
| | | | DISTRICT 3 TOTAL | 1,128 |
| | | | DISTRICT 5 TOTAL | 442 |
| | | | TOTAL U.S. | 2,943 |
| | | | DISTRICTS 1-4 | 2,501 |
| | | UNLEADED MGAS | LA. GULF COAST | 636 |
| | | | DISTRICT 3 TOTAL | 1,620 |
| | | | TOTAL U.S. | 3,794 |
| | | | DISTRICTS 1-4 | 3,170 |
| | | KEROSINE JET | LA. GULF COAST | 206 |

## REVISIONS

| | | | |
|---|---|---|---|
| | | DISTRICT 3 TOTAL | 396 |
| | | TOTAL U.S. | 815 |
| | | DISTRICTS 1-4 | 578 |
| PAGE 3 | TOTAL MGAS | NEW ENGLAND | 5,050 |
| | | CENTRAL ATLANTIC | 29,197 |
| | | DISTRICT 3 TOTAL | 61,976 |
| | | DISTRICT 5 TOTAL | 31,100 |
| | | TOTAL U.S. | 223,730 |
| | | DISTRICTS 1-4 | 192,630 |
| | LEADED MGAS | NEW ENGLAND | 2,765 |
| | | CENTRAL ATLANTIC | 12,611 |
| | | DISTRICT 3 TOTAL | 22,552 |
| | | TOTAL U.S. | 95,743 |
| | | DISTRICTS 1-4 | 85,471 |
| | UNLEADED MGAS | NEW ENGLAND | 2,284 |
| | | CENTRAL ATLANTIC | 12,069 |
| | BLENDING COMPS | DISTRICT 5 TOTAL | 9,573 |
| | | TOTAL U.S. | 40,765 |
| | DISTILLATE FUEL | NEW ENGLAND | 11,464 |
| | | CENTRAL ATLANTIC | 34,334 |
| | | DISTRICT 3 TOTAL | 31,770 |
| | | TOTAL U.S. | 142,263 |
| | | DISTRICTS 1-4 | 131,620 |
| | UNFINISHED OILS | DISTRICT 3 TOTAL | 53,461 |
| | | TOTAL U.S. | 112,244 |
| | | DISTRICTS 1-4 | 87,050 |
| PAGE 4 TOP | TOTAL CRUDE OIL IMPORTS | DISTRICTS 1-4 TOTAL | 3,805 |
| | | TOTAL U.S. | 4,036 |
| | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 266,024 |
| | | TOTAL U.S. | 350,571 |
| PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 3 | 161,274 |
| | TOTAL | TOTAL PAD DISTRICTS 1-4 | 266,024 |
| | TOTAL | TOTAL U.S. | 350,571 |

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

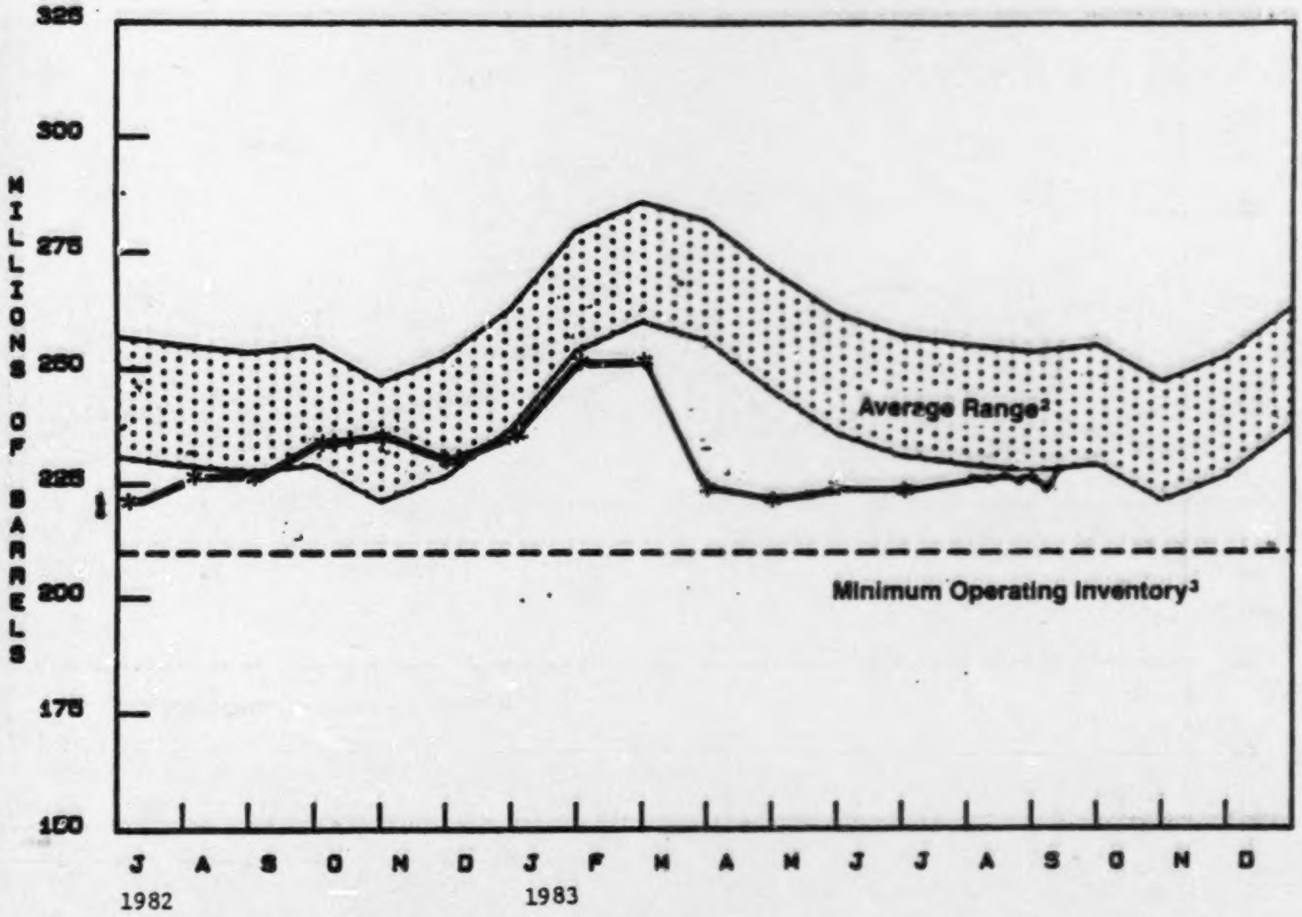
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

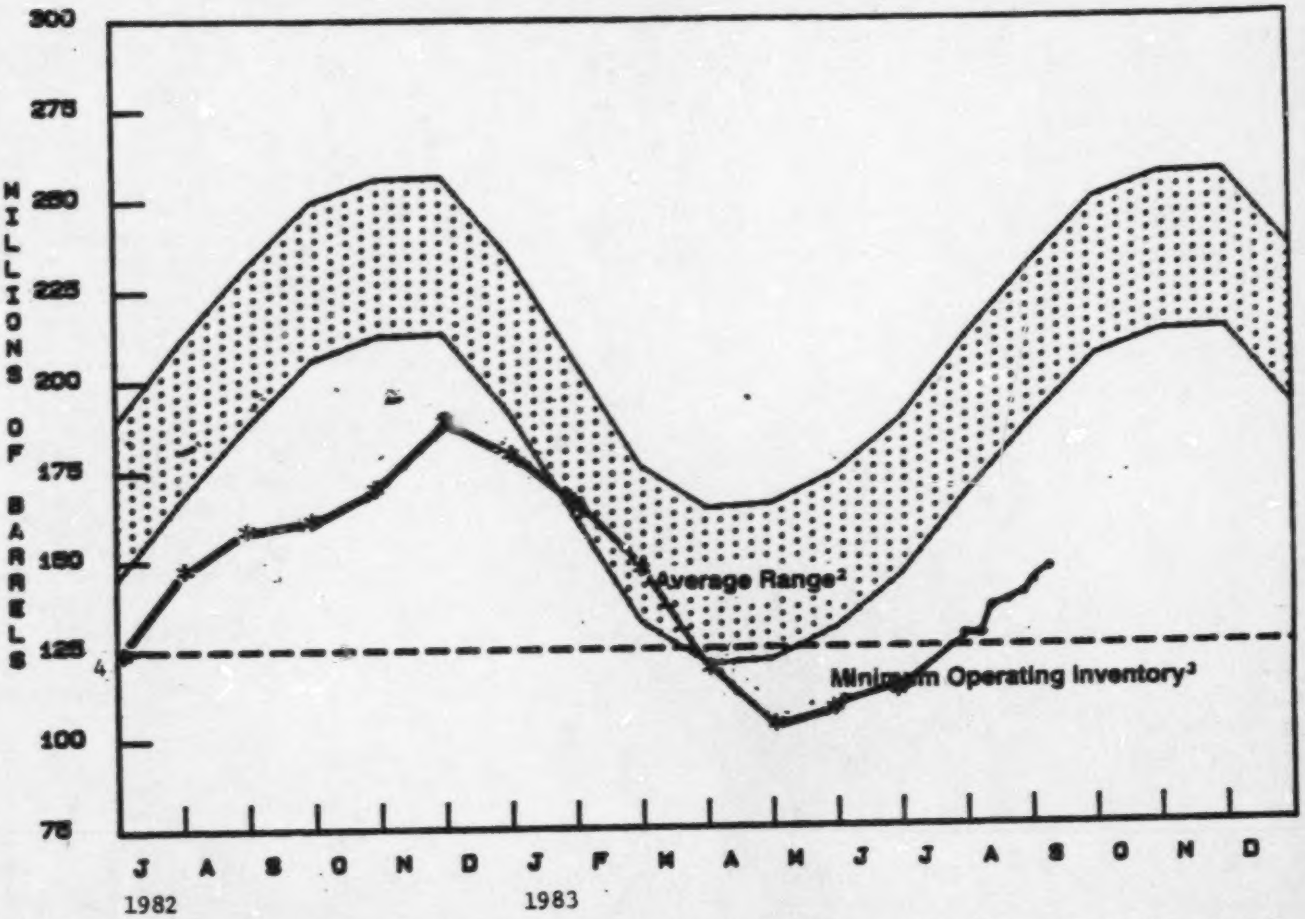
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

9/22/83 A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *SEPTEMBER* 16, 1983 **NO.** 37

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## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 09/16/83 | Last Week Ending: 09/09/83 | Last Year Week Ending: 09/17/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 13,095 | 13,013 | 12,844 | + 82 | + 251 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 80.4 | 79.9 | 73.9 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,821 | 6,755 | 6,624 | + 66 | + 197 |
| Finished leaded motor gasoline production | 3,021 | 2,998 | *N/A* | + 23 | *N/A* |
| Finished unleaded motor gasoline production | 3,800 | 3,757 | *N/A* | + 43 | *N/A* |
| Total motor gasoline stocks | 228,662 | 229,217 | 230,773 | - 555 | - 2,111 |
| Finished leaded motor gasoline stocks | 97,935 | 98,161 | *N/A* | - 226 | *N/A* |
| Finished unleaded motor gasoline stocks | 92,432 | 90,285 | 96,825 | + 2,147 | - 4,393 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,713 | 2,821 | 2,789 | - 108 | - 76 |
| Distillate fuel oil stocks | 149,186 | 147,235 | 163,038 | + 1,951 | - 13,852 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 813 | 774 | 1,080 | + 39 | - 267 |
| Residual fuel oil stocks | 46,983 | 45,750 | 55,809 | + 1,233 | - 8,826 |
| Imports | | | | | |
| Crude oil imports | 4,018 | 4,355 | 3,615 | - 337 | + 403 |
| Product imports | 1,742 | 1,628 | 1,526 | + 114 | + 216 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 349,384 | 348,981 | 344,385 | + 403 | + 4,999 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *SEPTEMBER* 16, 1983 **NO.** 37

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,244 | 1,103 | 1,141 | 1,229 | 92.8 |
| Appal. No. 1 | 88 | 86 | 86 | 177 | 48.6 |
| **DISTRICT 1 TOTAL** | 1,332 | 1,189 | 1,227 | 1,406 | 87.3 |
| Appal. No. 2 | 68 | 64 | 65 | 66 | 98.5 |
| Ind., Ill., Ky. | 2,130 | 1,907 | 1,954 | 2,345 | 83.3 |
| Minn., Wis., Daks. | 298 | 288 | 299 | 296 | 101.0 |
| Okla., Kans., Mo. | 713 | 660 | 669 | 827 | 80.9 |
| **DISTRICT 2 TOTAL** | 3,209 | 2,919 | 2,987 | 3,534 | 84.5 |
| Inland Texas | 540 | 513 | 524 | 585 | 89.6 |
| Texas Gulf Coast | 3,558 | 3,165 | 3,250 | 3,907 | 83.2 |
| La. Gulf Coast | 2,253 | 2,137 | 2,157 | 2,875 | 75.0 |
| N. La. and Ark. | 164 | 157 | 168 | 286 | 58.7 |
| New Mexico | 98 | 79 | 79 | 105 | 75.2 |
| **DISTRICT 3 TOTAL** | 6,613 | 6,051 | 6,178 | 7,758 | 79.6 |
| **DISTRICT 4 TOTAL** | 395 | 425 | 427 | 536 | 79.7 |
| **DISTRICT 5 TOTAL** | 2,245 | 2,220 | 2,276 | 3,060 | 74.4 |
| **TOTAL U.S.** | 13,794 | 12,804 | 13,095 | 16,294 | 80.4 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *SEP.* 9, 1983 | 13,631 | 12,765 | 13,013 | 16,294 | 79.9 |
| *SEP.* 17, 1982 | 13,786 | 12,449 | 12,844 | 17,382 | 73.9 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *SEP.* 16, 1983 | 11,549 | 10,584 | 10,819 | 13,234 | 81.8 |
| *SEP.* 9, 1983 | 11,399 | 10,497 | 10,715 | 13,234 | 81.0 |
| *SEP.* 17, 1982 | 11,577 | 10,385 | 10,753 | 14,290 | 75.2 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 16, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 604 | 243 | 361 | 6 | 41 | 224 | 89 |
| Appal. No. 1 | 27 | 12 | 15 | 2 | -- | 20 | 3 |
| **DISTRICT 1 TOTAL** | 631 | 255 | 376 | 8 | 41 | 244 | 92 |
| Appal. No. 2 | 40 | 20 | 20 | 1 | 1 | 15 | 4 |
| Ind., Ill., Ky. | 1,166 | 467 | 699 | 13 | 99 | 380 | 44 |
| Minn., Wis., Daks. | 167 | 104 | 63 | 2 | 17 | 62 | 3 |
| Okla., Kans., Mo. | 442 | 242 | 200 | 3 | 7 | 202 | 10 |
| **DISTRICT 2 TOTAL** | 1,815 | 833 | 982 | 19 | 124 | 659 | 61 |
| Inland Texas | 311 | 160 | 151 | 22 | 29 | 116 | 20 |
| Texas Gulf Coast | 1,603 | 680 | 923 | 30 | 214 | 721 | 244 |
| La. Gulf Coast | 1,121 | 443 | 678 | 11 | 240 | 407 | 54 |
| N. La. and Ark. | 56 | 27 | 29 | 6 | -- | 50 | 12 |
| New Mexico | 41 | 22 | 19 | 19 | 2 | 24 | 2 |
| **DISTRICT 3 TOTAL** | 3,132 | 1,332 | 1,800 | 88 | 485 | 1,318 | 332 |
| **DISTRICT 4 TOTAL** | 249 | 164 | 85 | 7 | 23 | 99 | 6 |
| **DISTRICT 5 TOTAL** | 994 | 437 | 557 | 47 | 258 | 393 | 322 |
| **TOTAL U.S.** | 6,821 | 3,021 | 3,800 | 169 | 931 | 2,713 | 813 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *SEP.* 9, 1983 | 6,755 | 2,998 | 3,757 | 171 | 896 | 2,821 | 774 |
| *SEP.* 17, 1982 | 6,624 | *N/A* | *N/A* | 221 | 789 | 2,789 | 1,080 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| *SEP.* 16, 1983 | 5,827 | 2,584 | 3,243 | 122 | 673 | 2,320 | 491 |
| *SEP.* 9, 1983 | 5,690 | 2,544 | 3,146 | 138 | 640 | 2,446 | 497 |
| *SEP.* 17, 1982 | 5,650 | *N/A* | *N/A* | 165 | 555 | 2,438 | 749 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 16, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,809● | 3,144 | 2,664● | 1 | 81 | 678 | 12,029 | 2,131 | -- |
| Central Atlantic | 29,896● | 12,625 | 12,253● | 5,018 | 216 | 4,099 | 37,235● | 15,766 | 14,282 |
| Lower Atlantic | 28,277● | 14,478● | 13,465● | 334 | 157 | 3,706 | 13,952 | 3,830 | 536 |
| **DISTRICT 1 TOTAL** | 63,982● | 30,247● | 28,382● | 5,353 | 454 | 8,483 | 63,216● | 21,727 | 14,818 |
| **DISTRICT 2 TOTAL** | 65,859● | 30,710 | 28,746● | 6,403 | 1,514 | 7,138 | 37,521● | 3,292 | 16,390 |
| **DISTRICT 3 TOTAL** | 63,083● | 23,724● | 21,980 | 17,379 | 2,557 | 11,828 | 34,267 | 13,010 | 55,320 |
| **DISTRICT 4 TOTAL** | 5,918 | 3,040 | 1,759 | 1,119 | 320 | 728 | 2,896 | 492 | 2,360 |
| **DISTRICT 5 TOTAL** | 29,820 | 10,214 | 11,565 | 8,041 | 1,896 | 5,832 | 11,286 | 8,462 | 24,219 |
| **TOTAL U.S.** | 228,662 | 97,935 | 92,432 | 38,295 | 6,741 | 34,009 | 149,186 | 46,983 | 113,107 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *SEP.* 9, 1983 | 229,217● | 98,161● | 90,285● | 40,771 | 7,021 | 32,260 | 147,235● | 45,750 | 112,055 |
| *SEP.* 17, 1982 | 230,773 | *N/A* | 96,825 | *N/A* | 5,786 | 34,109 | 163,038 | 55,809 | 116,582 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *SEP.* 16, 1983 | 198,842 | 87,721 | 80,867 | 30,254 | 4,845 | 28,177 | 137,900 | 38,521 | 88,888 |
| *SEP.* 9, 1983 | 198,378● | 88,014● | 78,647● | 31,717 | 5,106 | 26,073 | 136,471● | 38,267 | 87,264 |
| *SEP.* 17, 1982 | 203,434 | *N/A* | 86,553 | *N/A* | 4,431 | 27,495 | 152,374 | 47,193 | 90,812 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE* 7.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *APRIL* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *SEP.* 16, 1983 | 5,850.0 | 5,884.0 | 3,889 | 282 | 266,386 |
| *SEP.* 9, 1983 | 5,850.0 | -- | 3,858 | 221 | 263,559 |
| *SEP.* 2, 1983 | 5,836.0 | -- | 3,805 | 287 | 266,024 |
| *AUG.* 26, 1983 | 5,836.0 | -- | 3,856 | 274 | 264,803 |
| **DISTRICT 5 TOTAL** | | | | | |
| *SEP.* 16, 1983 | 2,860.0 | 2,833.0 | 129 | -- | 82,998 * |
| *SEP.* 9, 1983 | 2,860.0 | -- | 497 | 8 | 85,422 |
| *SEP.* 2, 1983 | 2,812.6 | -- | 231 | -- | 84,547 |
| *AUG.* 26, 1983 | 2,812.6 | -- | 404 | 8 | 83,478 |
| ** INCLUDES* 29,163 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* | | | | | |
| **TOTAL U.S.** | | | | | |
| *SEP.* 16, 1983 | 8,710.0 | 8,717.0 | 4,018 | 282 | 349,384 * |
| *SEP.* 9, 1983 | 8,710.0 | -- | 4,355 | 229 | 348,981 |
| *SEP.* 2, 1983 | 8,648.6 | -- | 4,036 | 287 | 350,571 |
| *AUG.* 26, 1983 | 8,648.6 | -- | 4,260 | 282 | 348,281 |
| *SEP.* 17, 1982 | 8,706.1/A | -- | 3,615 | 166 | 344,385 |

*/A DOE ACTUAL FOR SEPTEMBER* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *SEP.* 16, 1983 | 16,180 | 74,274 | 162,956 | 12,976 | 266,386 | 82,998 * | 349,384 * |
| *SEP.* 9, 1983 | 15,072 | 73,649 | 161,984 | 12,854 | 263,559 | 85,422 | 348,981 |
| *SEP.* 17, 1982 | 17,959 | 72,280 | 152,161 | 11,764 | 254,164 | 90,221 | 344,385 |

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[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 16, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Central Atlantic | 63 | -- | 63 | -- | 57 | 189 | 397 | 7 | 71 | 124 | 908 |
| Lower Atlantic | 97 | 50 | 47 | -- | -- | -- | 173 | -- | -- | -- | 270 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *SEP.* 16, 1983 | 160 | 50 | 110 | -- | 57 | 189 | 570 | 7 | 71 | 124 | 1,178 |
| *SEP.* 9, 1983 | 167 | 80 | 87 | -- | 34 | 186 | 654 | 11 | 35 | 95 | 1,182 |
| *SEP.* 2, 1983 | 184 | 76 | 108 | -- | 20 | 234 | 550 | 11 | -- | 152 | 1,151 |
| *AUG.* 26, 1983 | 307 | 143 | 164 | -- | 37 | 319 | 773 | 15 | 234 | 38 | 1,723 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *SEP.* 16, 1983 | 4 | 4 | -- | -- | 32 | 5 | 15 | 147 | 216 | 12 | 431 |
| *SEP.* 9, 1983 | -- | -- | -- | -- | 4 | 7 | -- | 158 | 165 | 31 | 365 |
| *SEP.* 2, 1983 | 2 | 2 | -- | -- | -- | 5 | 35 | 152 | 251 | 14 | 459 |
| *AUG.* 26, 1983 | 4 | 2 | 2 | -- | 4 | 5 | 60 | 141 | 108 | 260 | 582 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *SEP.* 16, 1983 | 26 | 18 | 8 | -- | 3 | 5 | 26 | 11 | 53 | 9 | 133 |
| *SEP.* 9, 1983 | 24 | 16 | 8 | -- | -- | 5 | 26 | 18 | -- | 8 | 81 |
| *SEP.* 2, 1983 | 26 | 18 | 8 | -- | 2 | 5 | 54 | 18 | -- | 9 | 114 |
| *AUG.* 26, 1983 | 41 | 29 | 12 | -- | 2 | 5 | 40 | 18 | -- | 9 | 115 |
| **TOTAL U.S.** | 190 | 72 | 118 | -- | 92 | 199 | 611 | 165 | 340 | 145 | 1,742 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| *SEP.* 9, 1983 | 191 | 96 | 95 | -- | 38 | 198 | 680 | 187 | 200 | 134 | 1,628 |
| *SEP.* 2, 1983 | 212 | 96 | 116 | -- | 22 | 244 | 639 | 181 | 251 | 175 | 1,724 |
| *AUG.* 26, 1983 | 352 | 174 | 178 | -- | 43 | 329 | 873 | 174 | 342 | 307 | 2,420 |
| *SEP.* 17, 1982 | 189 | *N/A* | 60 | 7 | 15 | 107 | 980 | 132 | 71 | 17 | 1,526 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

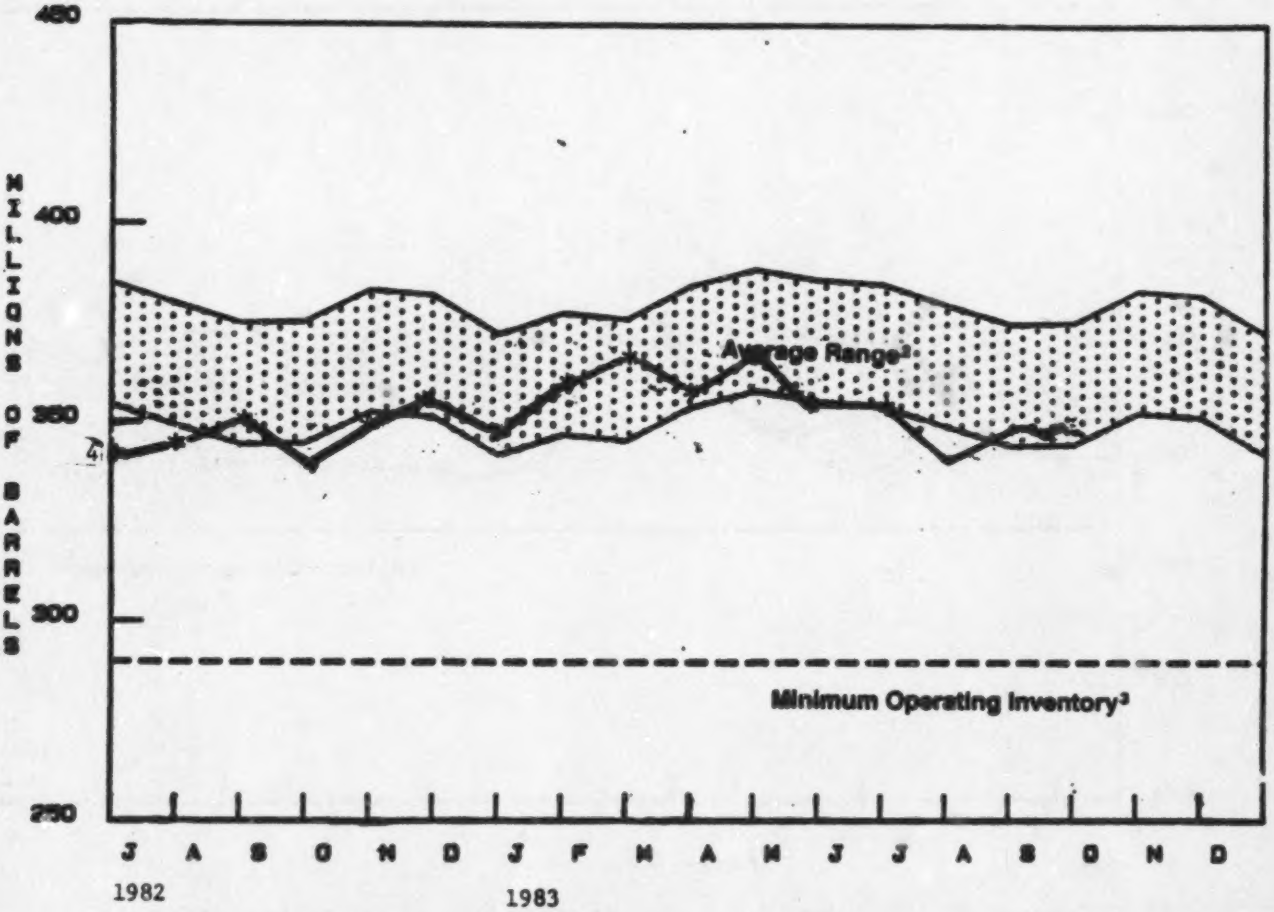
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 9/09/83 | PAGE 3 | TOTAL MGAS | NEW ENGLAND | 5,683 |
| | | | CENTRAL ATLANTIC | 30,057 |
| | | | LOWER ATLANTIC | 27,206 |
| | | | DISTRICT 1 TOTAL | 62,946 |
| | | | DISTRICT 2 TOTAL | 65,857 |
| | | | DISTRICT 3 TOTAL | 63,563 |
| | | | TOTAL U.S. | 229,217 |
| | | | DISTRICTS 1-4 | 198,378 |
| | | LEADED MGAS | LOWER ATLANTIC | 14,954 |
| | | | DISTRICT 1 TOTAL | 31,056 |
| | | | DISTRICT 3 TOTAL | 22,636 |
| | | | TOTAL U.S. | 98,161 |
| | | | DISTRICTS 1-4 | 88,014 |
| | | UNLEADED MGAS | NEW ENGLAND | 2,482 |
| | | | CENTRAL ATLANTIC | 12,634 |
| | | | LOWER ATLANTIC | 12,012 |
| | | | DISTRICT 1 TOTAL | 27,128 |
| | | | DISTRICT 2 TOTAL | 27,552 |
| | | | TOTAL U.S. | 90,285 |
| | | | DISTRICTS 1-4 | 78,647 |
| | | DISTILLATE FUEL | CENTRAL ATLANTIC | 36,140 |
| | | | DISTRICT 1 TOTAL | 62,528 |
| | | | DISTRICT 2 TOTAL | 38,430 |
| | | | TOTAL U.S. | 147,235 |
| | | | DISTRICTS 1-4 | 136,471 |

Week Ended September 16, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

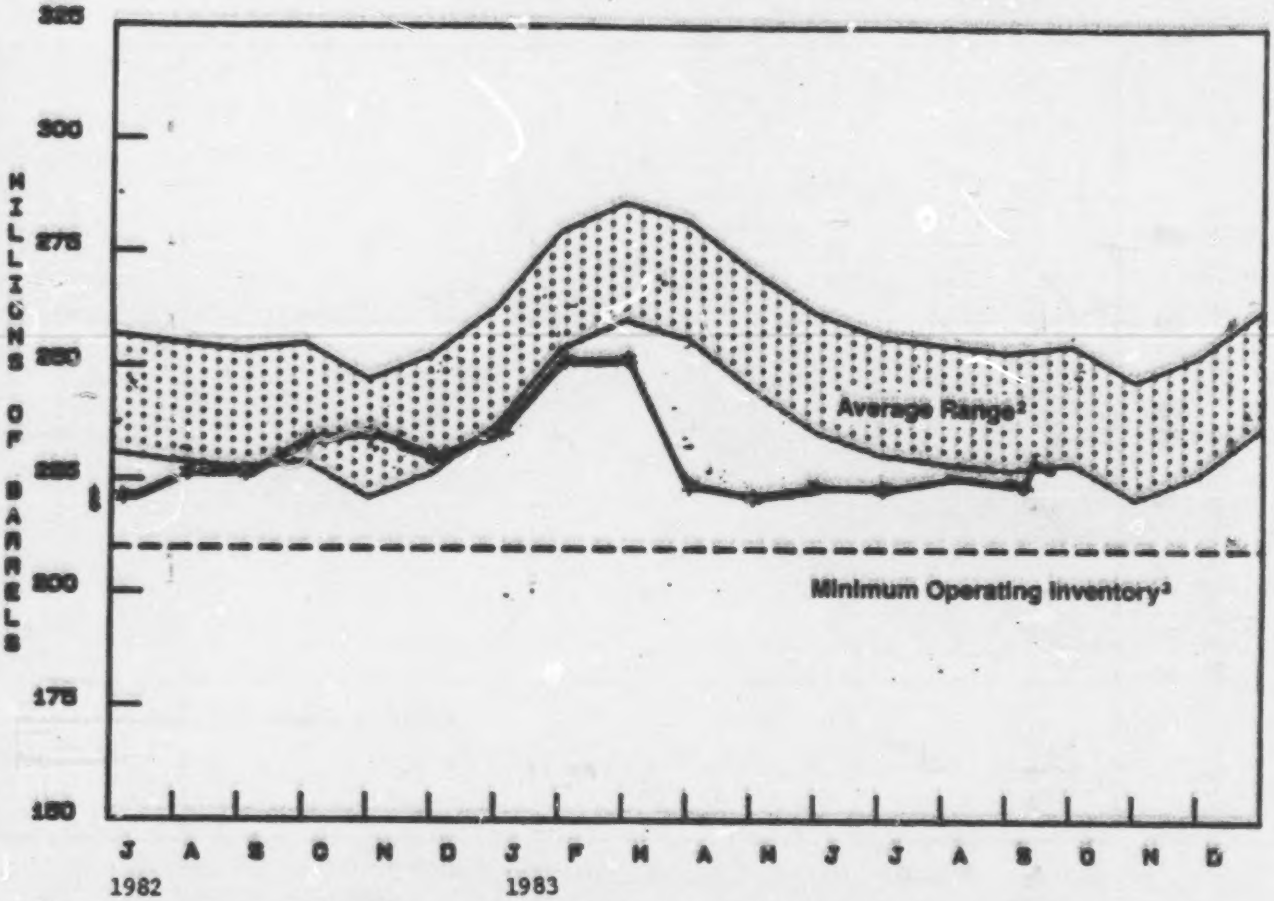
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended September 16, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

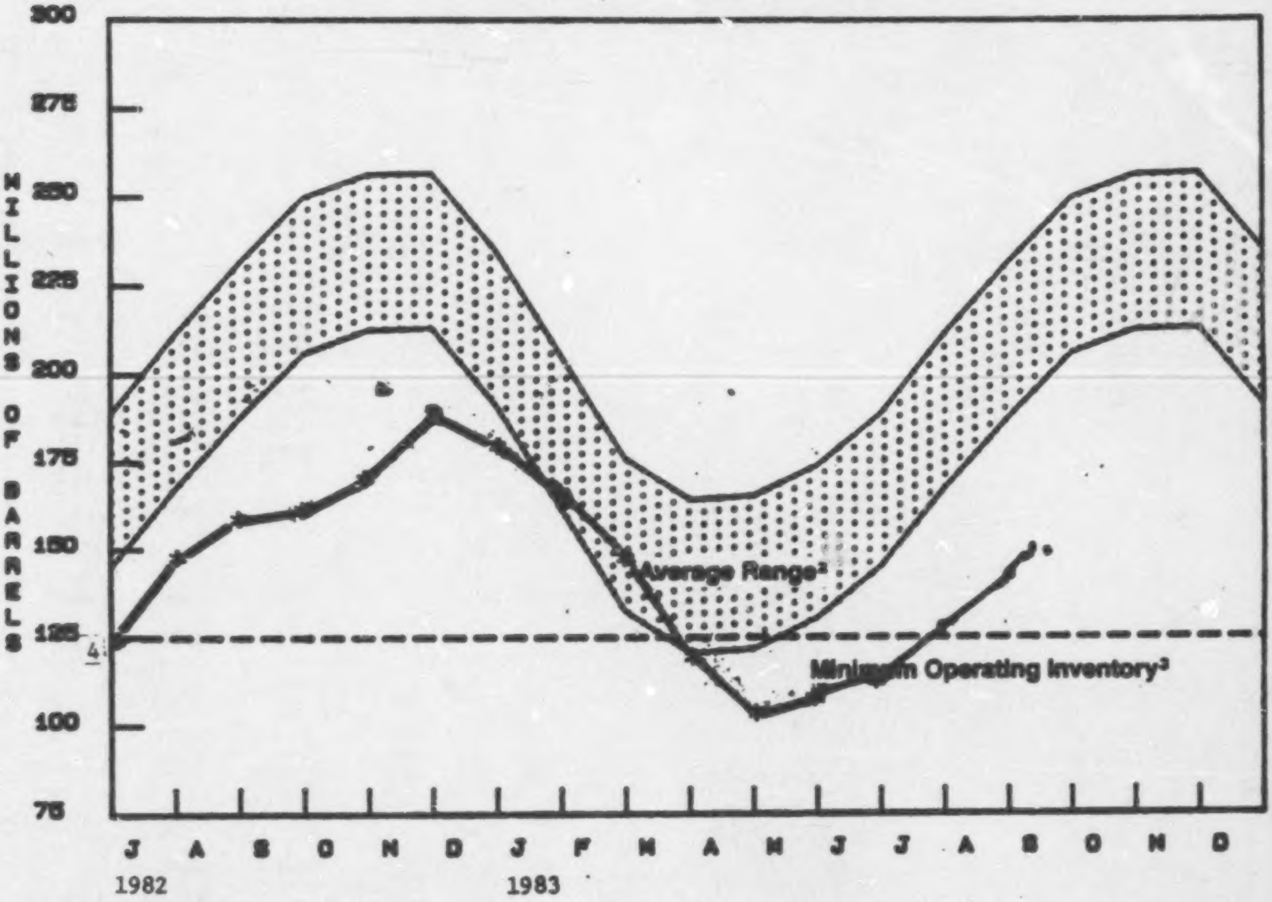
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

9/30/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** SEPTEMBER 23, 1983 **NO.** 38

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 09/23/83 | Last Week Ending: 09/16/83 | Last Year Week Ending: 09/24/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units * | 12,785 | 13,095 | 12,637 | - 310 | + 148 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 78.5 | 80.4 | 72.7 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,599 | 6,821 | 6,603 | - 222 | - 4 |
| Finished leaded motor gasoline production | 3,005 | 3,021 | N/A | - 16 | N/A |
| Finished unleaded motor gasoline production | 3,594 | 3,800 | N/A | - 206 | N/A |
| Total motor gasoline stocks | 230,131 | 229,304 | 234,015 | + 827 | - 3,884 |
| Finished leaded motor gasoline stocks | 97,926 | 98,167 | N/A | - 241 | N/A |
| Finished unleaded motor gasoline stocks | 92,684 | 92,176 | 99,525 | + 508 | - 6,841 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,735 | 2,713 | 2,607 | + 22 | + 128 |
| Distillate fuel oil stocks | 154,205 | 149,362 | 165,970 | + 4,843 | - 11,765 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 776 | 813 | 1,168 | - 37 | - 392 |
| Residual fuel oil stocks | 48,300 | 47,148 | 57,277 | + 1,152 | - 8,977 |
| Imports | | | | | |
| Crude oil imports | 4,294 | 4,018 | 4,125 | + 276 | + 169 |
| Product imports | 2,034 | 1,742 | 1,305 | + 292 | + 729 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 347,554 | 349,384 | 346,793 | - 1,830 | + 761 |

*Scheduled and unscheduled shutdowns caused decreases of 99,000 bbl. per day in the Texas Gulf Coast District and 136,000 bbl. per day in the Louisiana Gulf Coast District.

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

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# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *SEPTEMBER* 23, 1983 **NO.** 38

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Operated |
|---|---|---|---|---|---|
| East Coast | 1,242 | 1,067 | 1,119 | 1,229 | 91.0 |
| Appal. No. 1 | 91 | 85 | 85 | 177 | 48.0 |
| **DISTRICT 1 TOTAL** | 1,333 | 1,152 | 1,204 | 1,406 | 85.6 |
| Appal. No. 2 | 66 | 62 | 63 | 66 | 95.5 |
| Ind., Ill., Ky. | 2,054 | 1,904 | 1,981 | 2,345 | 84.5 |
| Minn., Wis., Daks. | 301 | 292 | 303 | 296 | 102.4 |
| Okla., Kans., Mo. | 679 | 608 | 636 | 827 | 76.9 |
| **DISTRICT 2 TOTAL** | 3,100 | 2,866 | 2,983 | 3,534 | 84.4 |
| Inland Texas | 536 | 475 | 490 | 585 | 83.8 |
| Texas Gulf Coast | 3,535 | 3,059 | 3,151 | 3,907 | 80.7 |
| La. Gulf Coast | 2,105 | 1,989 | 2,021 | 2,875 | 70.3 |
| N. La. and Ark. | 192 | 176 | 187 | 286 | 65.4 |
| New Mexico | 98 | 77 | 79 | 105 | 75.2 |
| **DISTRICT 3 TOTAL** | 6,466 | 5,776 | 5,928 | 7,758 | 76.4 |
| **DISTRICT 4 TOTAL** | 419 | 443 | 454 | 536 | 84.7 |
| **DISTRICT 5 TOTAL** | 2,163 | 2,135 | 2,216 | 3,060 | 72.4 |
| **TOTAL U.S.** | 13,481 | 12,372 | 12,785 | 16,294 | 78.5 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *SEP*. 16, 1983 | 13,794 | 12,804 | 13,095 | 16,294 | 80.4 |
| *SEP*. 24, 1982 | 13,415 | 12,299 | 12,637 | 17,382 | 72.7 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *SEP*. 23, 1983 | 11,318 | 10,237 | 10,569 | 13,234 | 79.9 |
| *SEP*. 16, 1983 | 11,549 | 10,584 | 10,819 | 13,234 | 81.8 |
| *SEP*. 24, 1982 | 11,228 | 10,187 | 10,495 | 14,290 | 73.4 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** SEPTEMBER 23, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 566 | 235 | 331 | 20 | 24 | 264 | 82 |
| Appal. No. 1 | 29 | 12 | 17 | 1 | -- | 20 | 4 |
| **DISTRICT 1 TOTAL** | 595 | 247 | 348 | 21 | 24 | 284 | 86 |
| Appal. No. 2 | 35 | 19 | 16 | 1 | -- | 18 | 5 |
| Ind., Ill., Ky. | 1,235 | 523 | 712 | 11 | 88 | 404 | 48 |
| Minn., Wis., Daks. | 195 | 134 | 61 | 4 | 17 | 65 | 3 |
| Okla., Kans., Mo. | 412 | 256 | 156 | 12 | 13 | 192 | 9 |
| **DISTRICT 2 TOTAL** | 1,877 | 932 | 945 | 28 | 118 | 679 | 65 |
| Inland Texas | 261 | 133 | 128 | 24 | 15 | 102 | 19 |
| Texas Gulf Coast | 1,466 | 642 | 824 | 44 | 220 | 721 | 227 |
| La. Gulf Coast | 1,019 | 419 | 600 | 9 | 225 | 394 | 66 |
| N. La. and Ark. | 53 | 27 | 26 | 5 | -- | 57 | 10 |
| New Mexico | 35 | 19 | 16 | 17 | 1 | 28 | 2 |
| **DISTRICT 3 TOTAL** | 2,834 | 1,240 | 1,594 | 99 | 461 | 1,302 | 324 |
| **DISTRICT 4 TOTAL** | 215 | 139 | 76 | 11 | 19 | 118 | 6 |
| **DISTRICT 5 TOTAL** | 1,078 | 447 | 631 | 35 | 252 | 352 | 295 |
| **TOTAL U.S.** | 6,599 | 3,005 | 3,594 | 194 | 874 | 2,735 | 776 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| SEP. 16, 1983 | 6,821 | 3,021 | 3,800 | 169 | 931 | 2,713 | 813 |
| SEP. 24, 1982 | 6,603 | N/A | N/A | 198 | 744 | 2,607 | 1,168 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| SEP. 23, 1983 | 5,521 | 2,558 | 2,963 | 159 | 622 | 2,383 | 481 |
| SEP. 16, 1983 | 5,827 | 2,584 | 3,243 | 122 | 673 | 2,320 | 491 |
| SEP. 24, 1982 | 5,595 | N/A | N/A | 154 | 544 | 2,248 | 761 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 23, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Motor Gasoline Blending Components | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| New England | 6,582● | 3,474 | 3,108● | -- | 73 | 605 | 12,559● | 2,152 | -- |
| Central Atlantic | 29,547● | 13,141● | 11,790 | 4,616 | 199 | 3,763 | 39,214● | 16,242● | 15,360 |
| Lower Atlantic | 28,673 | 14,864 | 13,490 | 319 | 79 | 3,894 | 13,609 | 3,886 | 575 |
| **DISTRICT 1 TOTAL** | 64,802● | 31,479● | 28,388● | 4,935 | 351 | 8,262 | 65,382● | 22,280● | 15,935 |
| **DISTRICT 2 TOTAL** | 65,609● | 29,896● | 29,345● | 6,368 | 1,653 | 7,858● | 39,575● | 3,446 | 16,205 |
| **DISTRICT 3 TOTAL** | 63,928 | 23,403 | 21,585 | 18,940 | 2,548 | 11,121 | 34,962 | 13,383 | 55,279 |
| **DISTRICT 4 TOTAL** | 5,781 | 2,805 | 1,800 | 1,176 | 333 | 736 | 2,936 | 474 | 2,312 |
| **DISTRICT 5 TOTAL** | 30,011● | 10,343 | 11,566 | 8,102● | 1,747 | 6,056 | 11,350 | 8,717 | 23,916 |
| **TOTAL U.S.** | 230,131 | 97,926 | 92,684 | 39,521 | 6,632 | 34,033 | 154,205 | 48,300 | 113,647 |
| **TOTAL U.S.** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *SEP.* 16, 1983 | 229,304● | 98,167● | 92,176● | 38,961● | 6,741 | 34,434● | 149,362● | 47,148● | 113,107 |
| *SEP.* 24, 1982 | 234,015 | *N/A* | 99,525 | *N/A* | 5,595 | 34,657 | 165,970 | 57,277 | 116,456 |
| **DISTRICTS 1–4** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *SEP.* 23, 1983 | 200,120 | 87,583 | 81,118 | 31,419 | 4,885 | 27,977 | 142,855 | 39,583 | 89,731 |
| *SEP.* 16, 1983 | 198,818● | 87,953● | 80,611● | 30,254 | 4,845 | 28,602● | 138,076● | 38,686● | 88,888 |
| *SEP.* 24, 1982 | 206,986 | *N/A* | 89,680 | *N/A* | 4,274 | 28,007 | 155,449 | 48,197 | 91,047 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*

NA-Not Available

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** SEPTEMBER 23, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy APR 1983 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| SEP. 23, 1983 | 5,850.0 | 5,884.0 | 4,070 | 292 | 263,578 |
| SEP. 16, 1983 | 5,850.0 | -- | 3,889 | 282 | 266,386 |
| SEP. 9, 1983 | 5,850.0 | -- | 3,858 | 221 | 263,559 |
| SEP. 2, 1983 | 5,836.0 | -- | 3,805 | 287 | 266,024 |
| **DISTRICT 5 TOTAL** | | | | | |
| SEP. 23, 1983 | 2,860.0 | 2,833.0 | 224 | 7 | 83,976 * |
| SEP. 16, 1983 | 2,860.0 | -- | 129 | -- | 82,998 |
| SEP. 9, 1983 | 2,860.0 | -- | 497 | 8 | 85,422 |
| SEP. 2, 1983 | 2,812.6 | -- | 231 | -- | 84,547 |
| *INCLUDES 28,625 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. | | | | | |
| **TOTAL U.S.** | | | | | |
| SEP. 23, 1983 | 8,710.0 | 8,717.0 | 4,294 | 299 | 347,554 * |
| SEP. 16, 1983 | 8,710.0 | -- | 4,018 | 282 | 349,384 |
| SEP. 9, 1983 | 8,710.0 | -- | 4,355 | 229 | 348,981 |
| SEP. 2, 1983 | 8,648.6 | -- | 4,036 | 287 | 350,571 |
| SEP. 24, 1982 | 8,706.1/A | -- | 4,125 | 192 | 346,793 |

/A DOE ACTUAL FOR SEPTEMBER 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| SEP. 23, 1983 | 15,090 | 74,841 | 160,578 | 13,069 | 263,578 | 83,976 * | 347,554 * |
| SEP. 16, 1983 | 16,180 | 74,274 | 162,956 | 12,976 | 266,386 | 82,998 | 349,384 |
| SEP. 24, 1982 | 18,151 | 72,097 | 150,910 | 11,847 | 253,005 | 93,788 | 346,793 |

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[1] See definitional notes, Page 6.

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 71 | 19 | 52 | -- | -- | 58 | 72 | 3 | -- | -- | 204 |
| Central Atlantic | 105 | 55 | 50 | -- | 93 | 176 | 437 | 3 | 150 | 143 | 1,107 |
| Lower Atlantic | 53 | 15 | 38 | -- | -- | -- | 153 | -- | -- | -- | 206 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| SEP. 23, 1983 | 229 | 89 | 140 | -- | 93 | 234 | 662 | 6 | 150 | 143 | 1,517 |
| SEP. 16, 1983 | 160 | 50 | 110 | -- | 57 | 189 | 570 | 7 | 71 | 124 | 1,178 |
| SEP. 9, 1983 | 167 | 80 | 87 | -- | 34 | 186 | 654 | 11 | 35 | 95 | 1,182 |
| SEP. 2, 1983 | 184 | 76 | 108 | -- | 20 | 234 | 550 | 11 | -- | 152 | 1,151 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| SEP. 23, 1983 | 2 | 2 | -- | -- | 5 | 4 | 64 | 103 | 200 | 17 | 395 |
| SEP. 16, 1983 | 4 | 4 | -- | -- | 32 | 5 | 15 | 147 | 216 | 12 | 431 |
| SEP. 9, 1983 | -- | -- | -- | -- | 4 | 7 | -- | 158 | 165 | 31 | 365 |
| SEP. 2, 1983 | 2 | 2 | -- | -- | -- | 5 | 35 | 152 | 251 | 14 | 459 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| SEP. 23, 1983 | 42 | 34 | 8 | -- | 3 | 4 | 55 | 8 | -- | 10 | 122 |
| SEP. 16, 1983 | 26 | 18 | 8 | -- | 3 | 5 | 26 | 11 | 53 | 9 | 133 |
| SEP. 9, 1983 | 24 | 16 | 8 | -- | -- | 5 | 26 | 18 | -- | 8 | 81 |
| SEP. 2, 1983 | 26 | 18 | 8 | -- | 2 | 5 | 54 | 18 | -- | 9 | 114 |
| **TOTAL U.S.** | 273 | 125 | 148 | -- | 101 | 242 | 781 | 117 | 350 | 170 | 2,034 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| SEP. 16, 1983 | 190 | 72 | 118 | -- | 92 | 199 | 611 | 165 | 340 | 145 | 1,742 |
| SEP. 9, 1983 | 191 | 96 | 95 | -- | 38 | 198 | 680 | 187 | 200 | 134 | 1,628 |
| SEP. 2, 1983 | 212 | 96 | 116 | -- | 22 | 244 | 639 | 181 | 251 | 175 | 1,724 |
| SEP. 24, 1982 | 160 | N/A | 61 | 2 | 7 | 79 | 797 | 140 | 91 | 21 | 1,305 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

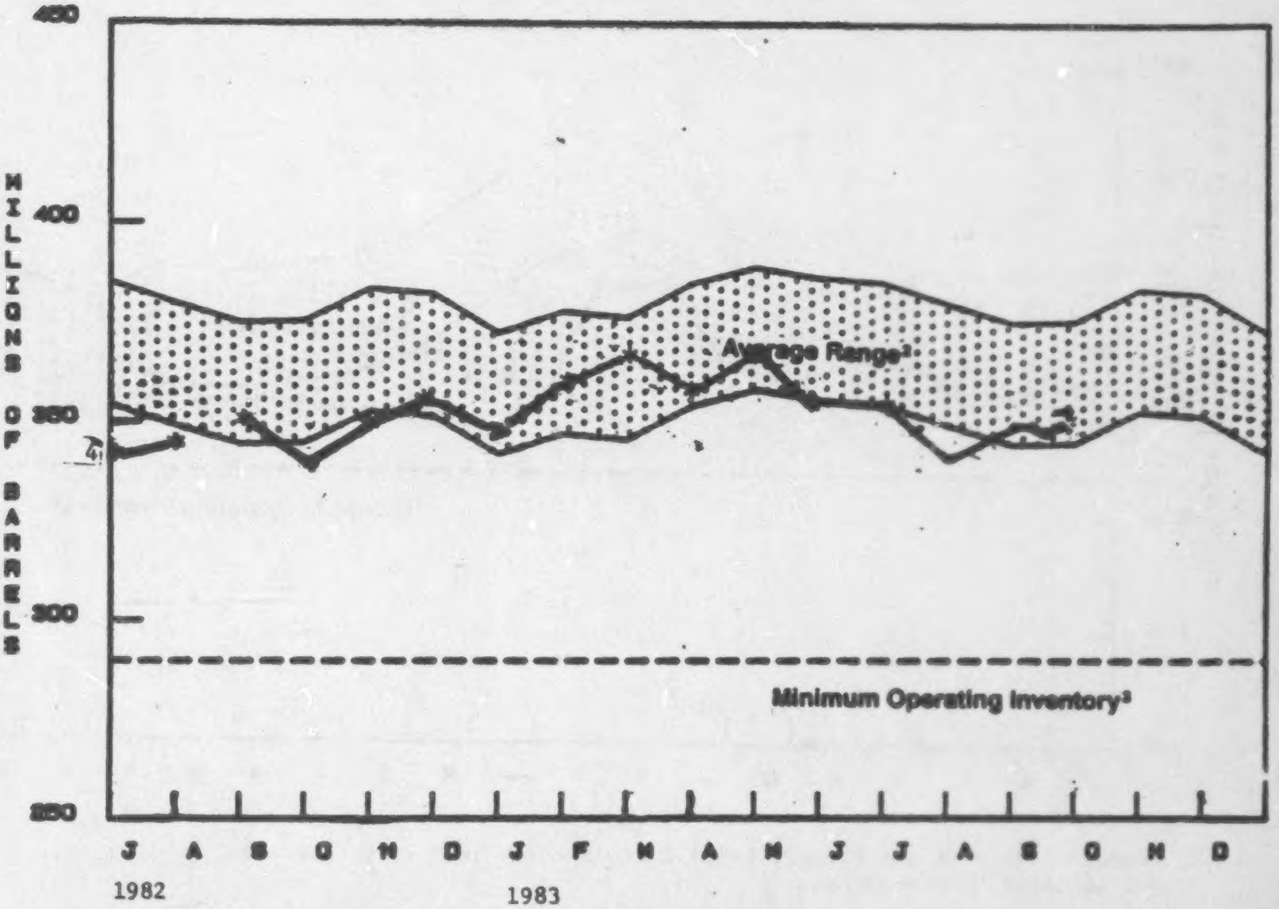
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 9/16/83 | PAGE 3 | TOTAL MGAS | NEW ENGLAND | 5,703 |
| | | | CENTRAL ATLANTIC | 30,021 |
| | | | DISTRICT 1 TOTAL | 64,001 |
| | | | DISTRICT 2 TOTAL | 65,816 |
| | | | DISTRICT 5 TOTAL | 30,486 |
| | | | TOTAL U.S. | 229,304 |
| | | | DISTRICTS 1-4 | 198,818 |
| | | LEADED MGAS | CENTRAL ATLANTIC | 12,750 |
| | | | DISTRICT 1 TOTAL | 30,372 |
| | | | DISTRICT 2 TOTAL | 30,817 |
| | | | TOTAL U.S. | 98,167 |
| | | | DISTRICTS 1-4 | 87,953 |
| | | UNLEADED MGAS | NEW ENGLAND | 2,558 |
| | | | DISTRICT 1 TOTAL | 28,276 |
| | | | DISTRICT 2 TOTAL | 28,596 |
| | | | TOTAL U.S. | 92,176 |
| | | | DISTRICTS 1-4 | 80,611 |
| | | BLENDING COMPS | DISTRICT 5 TOTAL | 8,707 |
| | | | TOTAL U.S. | 38,961 |
| | | KEROSINE JET | DISTRICT 2 TOTAL | 7,563 |
| | | | TOTAL U.S. | 34,434 |
| | | | DISTRICTS 1-4 | 28,602 |
| | | DISTILLATE FUEL | NEW ENGLAND | 12,148 |
| | | | CENTRAL ATLANTIC | 37,131 |
| | | | DISTRICT 1 TOTAL | 63,231 |
| | | | DISTRICT 2 TOTAL | 37,682 |
| | | | TOTAL U.S. | 149,362 |
| | | | DISTRICTS 1-4 | 138,076 |
| | | RESIDUAL FUEL | CENTRAL ATLANTIC | 15,931 |
| | | | DISTRICT 1 TOTAL | 21,892 |
| | | | TOTAL U.S. | 47,148 |
| | | | DISTRICTS 1-4 | 38,686 |

Week Ended September 23, 1983

## Crude Oil Stocks at Primary Level[1] 5



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

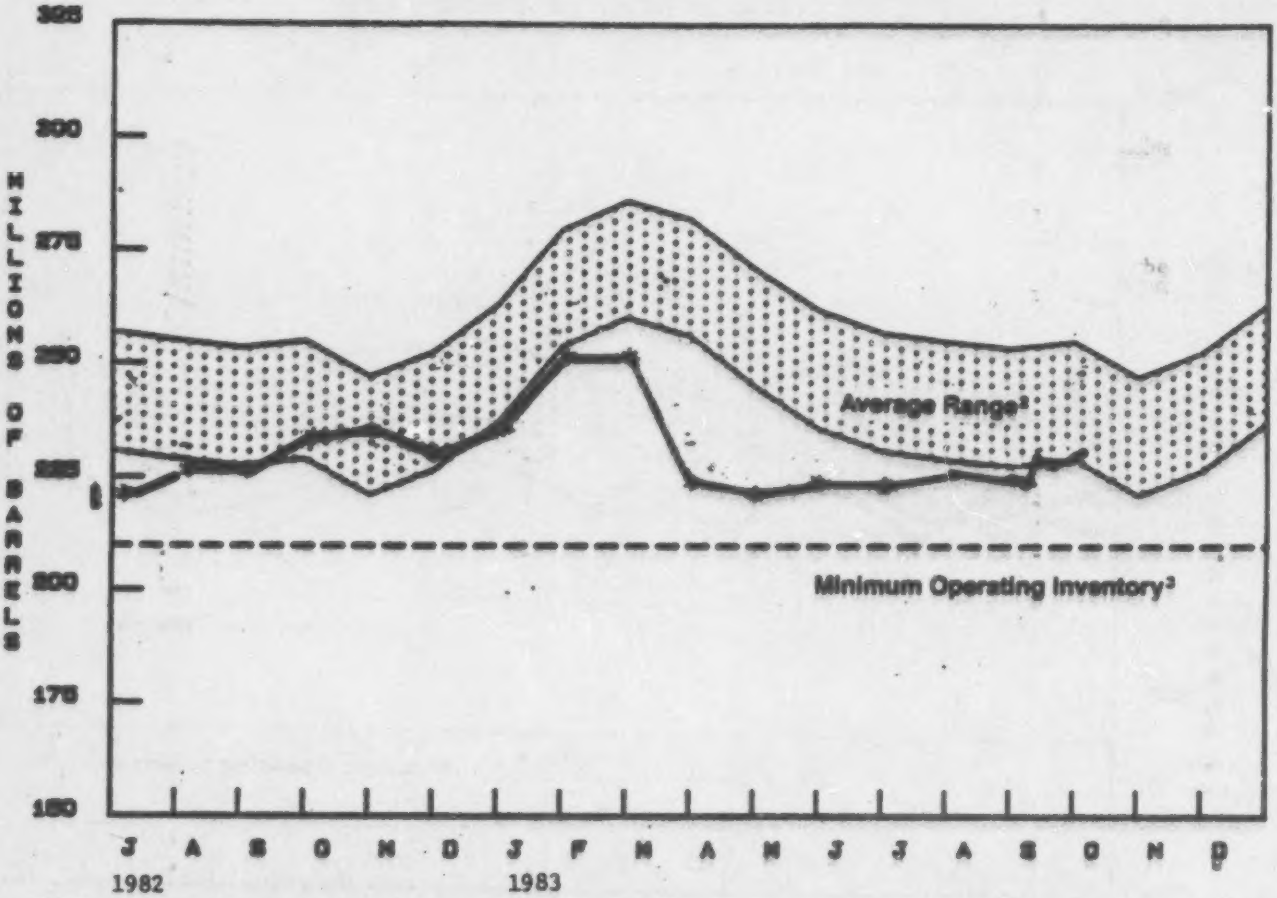
[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

## Motor Gasoline Stocks at Primary Level[1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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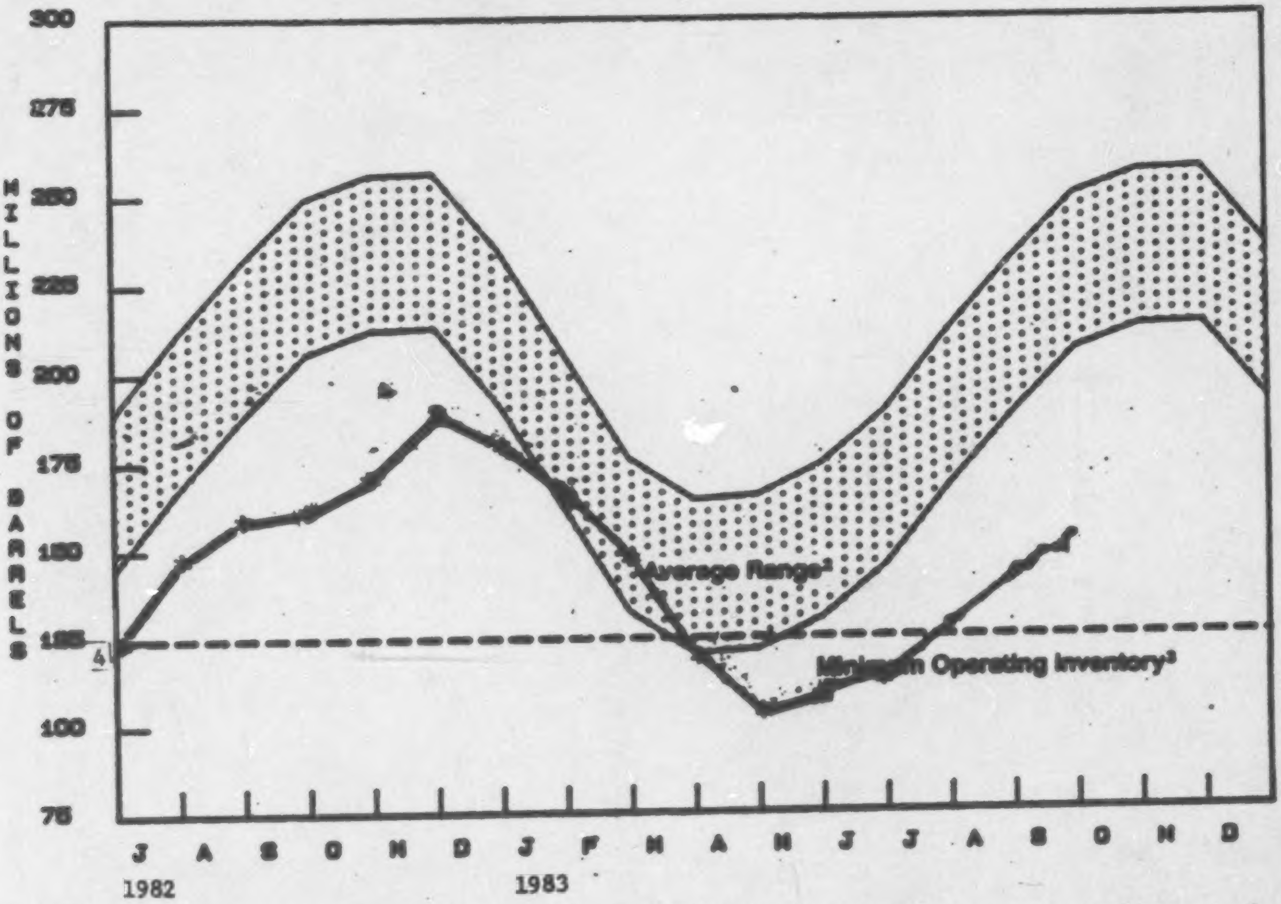
## Distillate Fuel Oil Stocks at Primary Level[1] 5



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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10/10/8
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** SEPTEMBER 30, 1983 **NO.** 39

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 09/30/83 | Last Week Ending: 09/23/83 | Last Year Week Ending: 10/01/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units* | 12,610 | 12,814 | 12,485 | - 204 | + 125 |
| Operable capacity | 16,294 | 16,294 | 17,382 | 0 | - 1,088 |
| Percent operated | 77.4 | 78.6 | 71.8 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,580 | 6,613 | 6,489 | - 33 | + 91 |
| Finished leaded motor gasoline production | 2,628 | 3,019 | N/A | - 391 | N/A |
| Finished unleaded motor gasoline production | 3,952 | 3,594 | N/A | + 358 | N/A |
| Total motor gasoline stocks | 231,344 | 230,601 | 236,705 | + 743 | - 5,361 |
| Finished leaded motor gasoline stocks | 97,818 | 98,293 | N/A | - 475 | N/A |
| Finished unleaded motor gasoline stocks | 93,628 | 92,787 | 99,016 | + 841 | - 5,388 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,707 | 2,735 | 2,631 | - 28 | + 76 |
| Distillate fuel oil stocks | 153,837 | 154,508 | 163,088 | - 671 | - 9,251 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 723 | 776 | 1,144 | - 53 | - 421 |
| Residual fuel oil stocks | 46,790 | 47,533 | 59,336 | - 743 | - 12,546 |
| Imports | | | | | |
| Crude oil imports | 3,873 | 4,370 | 3,498 | - 497 | + 375 |
| Product imports | 1,676 | 1,953 | 1,501 | - 277 | + 175 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 347,528 | 347,773 | 350,265 | - 245 | - 2,737 |

*Scheduled and unscheduled shutdowns caused a decrease of 147,000 bbl. per day in the West Coast District (District 5).

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.*

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *SEPTEMBER* 30, 1983 **NO.** 39

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,212 | 1,076 | 1,121 | 1,229 | 91.2 |
| Appal. No. 1 | 84 | 79 | 79 | 177 | 44.6 |
| **DISTRICT 1 TOTAL** | 1,296 | 1,155 | 1,200 | 1,406 | 85.3 |
| Appal. No. 2 | 64 | 62 | 63 | 66 | 95.5 |
| Ind., Ill., Ky. | 2,041 | 1,928 | 1,943 | 2,345 | 82.9 |
| Minn., Wis., Daks. | 192 | 183 | 192 | 296 | 64.9 |
| Okla., Kans., Mo. | 654 | 607 | 628 | 827 | 75.9 |
| **DISTRICT 2 TOTAL** | 2,951 | 2,780 | 2,826 | 3,534 | 80.0 |
| Inland Texas | 517 | 484 | 499 | 585 | 85.3 |
| Texas Gulf Coast | 3,410 | 3,083 | 3,167 | 3,907 | 81.1 |
| La. Gulf Coast | 2,266● | 2,101● | 2,118● | 2,875 | 73.7● |
| N. La. and Ark. | 177 | 175 | 176 | 286 | 61.5 |
| New Mexico | 97 | 78 | 80 | 105 | 76.2 |
| **DISTRICT 3 TOTAL** | 6,467● | 5,921● | 6,040● | 7,758 | 77.9● |
| **DISTRICT 4 TOTAL** | 438 | 468 | 475 | 536 | 88.6 |
| **DISTRICT 5 TOTAL** | 2,016 | 2,011 | 2,069 | 3,060 | 67.6 |
| **TOTAL U.S.** | 13,168 | 12,335 | 12,610 | 16,294 | 77.4 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | |
| *SEP.* 23, 1983 | 13,510● | 12,401● | 12,814● | 16,294 | 78.6● |
| *OCT.* 1, 1982 | 13,159 | 12,112 | 12,485 | 17,382 | 71.8 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | |
| *SEP.* 30, 1983 | 11,152 | 10,324 | 10,541 | 13,234 | 79.7 |
| *SEP.* 23, 1983 | 11,347● | 10,266● | 10,598● | 13,234 | 80.1● |
| *OCT.* 1, 1982 | 11,064 | 10,016 | 10,378 | 14,290 | 72.6 |

● *SEE REVISIONS ON PAGE* 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 30, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline Finished Leaded | Motor Gasoline Finished Unleaded | Jet Fuel Naphtha Type | Jet Fuel Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| East Coast | 549 | 141 | 408 | 4 | 23 | 233 | 80 |
| Appal. No. 1 | 26 | 11 | 15 | 2 | -- | 19 | 2 |
| **DISTRICT 1 TOTAL** | 575 | 152 | 423 | 6 | 23 | 252 | 82 |
| Appal. No. 2 | 36 | 14 | 22 | 1 | -- | 16 | 2 |
| Ind., Ill., Ky. | 1,153 | 441 | 712 | 17 | 97 | 373 | 39 |
| Minn., Wis., Daks. | 102 | 28 | 74 | 3 | 11 | 41 | 5 |
| Okla., Kans., Mo. | 416 | 235 | 181 | 1 | 27 | 172 | 8 |
| **DISTRICT 2 TOTAL** | 1,707 | 718 | 989 | 22 | 135 | 602 | 54 |
| Inland Texas | 296 | 162 | 134 | 24 | 12 | 101 | 19 |
| Texas Gulf Coast | 1,605 | 564 | 1,041 | 45 | 218 | 718 | 233 |
| La. Gulf Coast | 1,096● | 385● | 711 | 14 | 183 | 469 | 59 |
| N. La. and Ark. | 50 | 22 | 28 | 5 | -- | 52 | 9 |
| New Mexico | 38 | 22 | 16 | 17 | 1 | 24 | 2 |
| **DISTRICT 3 TOTAL** | 3,085● | 1,155● | 1,930 | 105 | 414 | 1,364 | 322 |
| **DISTRICT 4 TOTAL** | 214 | 130 | 84 | 11 | 28 | 121 | 6 |
| **DISTRICT 5 TOTAL** | 999 | 473 | 526 | 38 | 220 | 368 | 259 |
| **TOTAL U.S.** | 6,580 | 2,628 | 3,952 | 182 | 820 | 2,707 | 723 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| *SEP.* 23, 1983 | 6,613● | 3,019● | 3,594 | 194 | 874 | 2,735 | 776 |
| *OCT.* 1, 1982 | 6,489 | *N/A* | *N/A* | 238 | 702 | 2,631 | 1,144 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| *SEP.* 30, 1983 | 5,581 | 2,155 | 3,426 | 144 | 600 | 2,339 | 461 |
| *SEP.* 23, 1983 | 5,535● | 2,572● | 2,963 | 159 | 622 | 2,383 | 481 |
| *OCT.* 1, 1982 | 5,559 | *N/A* | *N/A* | 177 | 511 | 2,298 | 752 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available.

● *SEE REVISIONS ON PAGE 7*

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *SEPTEMBER* 30, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 6,198● | 3,357● | 2,841 | -- | 88 | 607 | 13,195 | 2,552 | -- |
| Central Atlantic | 30,556● | 13,227● | 12,027 | 5,302 | 257 | 4,326● | 38,810 | 15,705● | 15,355 |
| Lower Atlantic | 28,361● | 15,090● | 12,953 | 318 | 145 | 3,773 | 14,230● | 3,779 | 538 |
| **DISTRICT 1 TOTAL** | 65,115● | 31,674● | 27,821 | 5,620 | 490 | 8,706● | 66,235● | 22,036● | 15,893 |
| **DISTRICT 2 TOTAL** | 65,577● | 29,967● | 28,731 | 6,879 | 1,675 | 7,768 | 39,427 | 3,359 | 16,637 |
| **DISTRICT 3 TOTAL** | 64,621● | 23,325● | 23,977● | 17,319 | 2,417 | 11,502 | 34,265● | 13,083● | 55,107 |
| **DISTRICT 4 TOTAL** | 6,334● | 3,144● | 1,785 | 1,405 | 312 | 746 | 2,855 | 459 | 2,454 |
| **DISTRICT 5 TOTAL** | 29,697● | 9,708● | 11,314 | 8,675 | 1,707 | 5,921 | 11,055 | 7,853 | 23,857 |
| **TOTAL U.S.** | 231,344 | 97,818 | 93,628 | 39,898 | 6,601 | 34,643 | 153,837 | 46,790 | 113,948 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | |
| *SEP.* 23, 1983 | 230,601● | 98,293● | 92,787● | 39,521 | 6,632 | 34,324● | 154,508● | 47,533● | 113,647 |
| *OCT.* 1, 1982 | 2 6,705 | *N/A* | 99,016 | *N/A* | 6,174 | 33,699 | 163,088 | 59,336 | 116,835 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | | | |
| *SEP.* 30, 1983 | 201,647 | 88,110 | 82,314 | 31,223 | 4,894 | 28,722 | 142,782 | 38,937 | 90,091 |
| *SEP.* 23, 1983 | 200,823● | 88,183● | 81,221● | 31,419 | 4,885 | 28,268● | 143,158● | 38,816● | 89,731 |
| *OCT.* 1, 1982 | 208,872 | *N/A* | 88,578 | *N/A* | 4,810 | 27,343 | 152,601 | 49,439 | 91,605 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Latest Dept. of Energy APR 1983 | Crude Oil Imports[1] Total | From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| SEP. 30, 1983 | 5,850.0 | 5,828.0 | 3,777 | 227 | 264,192 |
| SEP. 23, 1983 | 5,850.0 | -- | 4,146● | 292 | 263,898● |
| SEP. 16, 1983 | 5,850.0 | -- | 3,889 | 282 | 266,386 |
| SEP. 9, 1983 | 5,850.0 | -- | 3,858 | 221 | 263,559 |
| **DISTRICT 5 TOTAL** | | | | | |
| SEP. 30, 1983 | 2,860.0 | 2,787.0 | 96 | 8 | 83,336 * |
| SEP. 23, 1983 | 2,860.0 | -- | 224 | 7 | 83,875● |
| SEP. 16, 1983 | 2,860.0 | -- | 129 | -- | 82,998 |
| SEP. 9, 1983 | 2,860.0 | -- | 497 | 8 | 85,422 |
| **TOTAL U.S.** | | | | | |
| SEP. 30, 1983 | 8,710.0 | 8,615.0 | 3,873 | 235 | 347,528 * |
| SEP. 23, 1983 | 8,710.0 | -- | 4,370● | 299 | 347,773● |
| SEP. 16, 1983 | 8,710.0 | -- | 4,018 | 282 | 349,384 |
| SEP. 9, 1983 | 8,710.0 | -- | 4,355 | 229 | 348,981 |
| OCT. 1, 1982 | 8,706.1 /A | -- | 3,498 | 183 | 350,265 |

*INCLUDES 28,204 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. ●

/A DOE ACTUAL FOR SEPTEMBER 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| SEP. 30, 1983 | 14,869 | 76,100 | 160,136 | 13,087 | 264,192 | 83,336 * | 347,528 * |
| SEP. 23, 1983 | 15,090 | 74,841 | 160,898● | 13,069 | 263,898● | 83,875● | 347,773● |
| OCT. 1, 1982 | 18,844 | 72,012 | 153,224 | 11,907 | 255,987 | 94,278 | 350,265 |

[1] See definitional notes, Page 6.

● SEE REVISIONS ON PAGE 7

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** SEPTEMBER 30, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 19 | 19 | -- | -- | -- | 40 | -- | 3 | -- | -- | 62 |
| Central Atlantic | 193 | 99 | 94 | -- | 8● | 126● | 376 | -- | 85 | 43 | 831● |
| Lower Atlantic | 49 | 28 | 21 | -- | -- | 15 | 231 | -- | -- | -- | 295 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *SEP. 30, 1983* | 261 | 146 | 115 | -- | 8 | 181 | 607 | 3 | 85 | 43 | 1,188 |
| *SEP. 23, 1983* | 229 | 89 | 140 | -- | 42● | 204● | 662 | 6 | 150 | 143 | 1,436● |
| *SEP. 16, 1983* | 160 | 50 | 110 | -- | 57 | 189 | 570 | 7 | 71 | 124 | 1,178 |
| *SEP. 9, 1983* | 167 | 80 | 87 | -- | 34 | 186 | 654 | 11 | 35 | 95 | 1,182 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *SEP. 30, 1983* | 34 | 34 | -- | -- | 10 | 3 | 27 | 96 | 99 | 55 | 324 |
| *SEP. 23, 1983* | 2 | 2 | -- | -- | 5 | 4 | 64 | 103 | 200 | 17 | 395 |
| *SEP. 16, 1983* | 4 | 4 | -- | -- | 32 | 5 | 15 | 147 | 216 | 12 | 431 |
| *SEP. 9, 1983* | -- | -- | -- | -- | 4 | 7 | -- | 158 | 165 | 31 | 365 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *SEP. 30, 1983* | 43 | 22 | 21 | -- | 3 | 5 | 54 | 14 | 8 | 37 | 164 |
| *SEP. 23, 1983* | 42 | 34 | 8 | -- | 3 | 4 | 55 | 8 | -- | 10 | 122 |
| *SEP. 16, 1983* | 26 | 18 | 8 | -- | 3 | 5 | 26 | 11 | 53 | 9 | 133 |
| *SEP. 9, 1983* | 24 | 16 | 8 | -- | -- | 5 | 26 | 18 | -- | 8 | 81 |
| **TOTAL U.S.** | 338 | 202 | 136 | -- | 21 | 189 | 688 | 113 | 192 | 135 | 1,676 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | | | |
| *SEP. 23, 1983* | 273 | 125 | 148 | -- | 50● | 212● | 781 | 117 | 350 | 170 | 1,953● |
| *SEP. 16, 1983* | 190 | 72 | 118 | -- | 92 | 199 | 611 | 165 | 340 | 145 | 1,742 |
| *SEP. 9, 1983* | 191 | 96 | 95 | -- | 38 | 198 | 680 | 187 | 200 | 134 | 1,628 |
| *OCT. 1, 1982* | 182 | *N/A* | 62 | 6 | 11 | 78 | 889 | 180 | 135 | 15 | 1,501 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

● *SEE REVISIONS ON PAGE 7*

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 2—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 9/23/83 | PAGE 1 | TOTAL REFINERY INPUT | LA. GULF COAST | 2,134 |
| | | | DISTRICT 3 TOTAL | 6,495 |
| | | | TOTAL U.S. | 13,510 |
| | | | DISTRICTS 1-4 | 11,347 |
| | | CRUDE OIL RUNS | LA. GULF COAST | 2,018 |
| | | | DISTRICT 3 TOTAL | 5,805 |
| | | | TOTAL U.S. | 12,401 |
| | | | DISTRICTS 1-4 | 10,266 |
| | | INPUT TO CRUDE OIL | LA. GULF COAST | 2,050 |
| | | | DISTRICT 3 TOTAL | 5,957 |
| | | | TOTAL U.S. | 12,814 |
| | | | DISTRICTS 1-4 | 10,598 |
| | | o/o OPERATED | LA. GULF COAST | 71.3 |
| | | | DISTRICT 3 TOTAL | 76.8 |
| | | | TOTAL U.S. | 78.6 |
| | | | DISTRICTS 1-4 | 80.1 |
| | PAGE 2 | TOTAL MGAS | LA. GULF COAST | 1,033 |
| | | | DISTRICT 3 TOTAL | 2,848 |
| | | | TOTAL U.S. | 6,613 |
| | | | DISTRICTS 1-4 | 5,535 |
| | | LEADED MGAS | LA. GULF COAST | 433 |
| | | | DISTRICT 3 TOTAL | 1,254 |
| | | | TOTAL U.S. | 3,019 |
| | | | DISTRICTS 1-4 | 2,572 |
| | PAGE 3 | TOTAL MGAS | NEW ENGLAND | 6,753 |
| | | | CENTRAL ATLANTIC | 29,805 |
| | | | LOWER ATLANTIC | 28,679 |
| | | | DISTRICT 1 TOTAL | 65,237 |
| | | | DISTRICT 2 TOTAL | 65,679 |
| | | | DISTRICT 3 TOTAL | 64,191 |
| | | | DISTRICT 4 TOTAL | 5,716 |
| | | | DISTRICT 5 TOTAL | 29,778 |
| | | | TOTAL U.S. | 230,601 |
| | | | DISTRICTS 1-4 | 200,823 |
| | | LEADED MGAS | NEW ENGLAND | 3,645 |
| | | | CENTRAL ATLANTIC | 13,399 |
| | | | LOWER ATLANTIC | 14,870 |
| | | | DISTRICT 1 TOTAL | 31,914 |

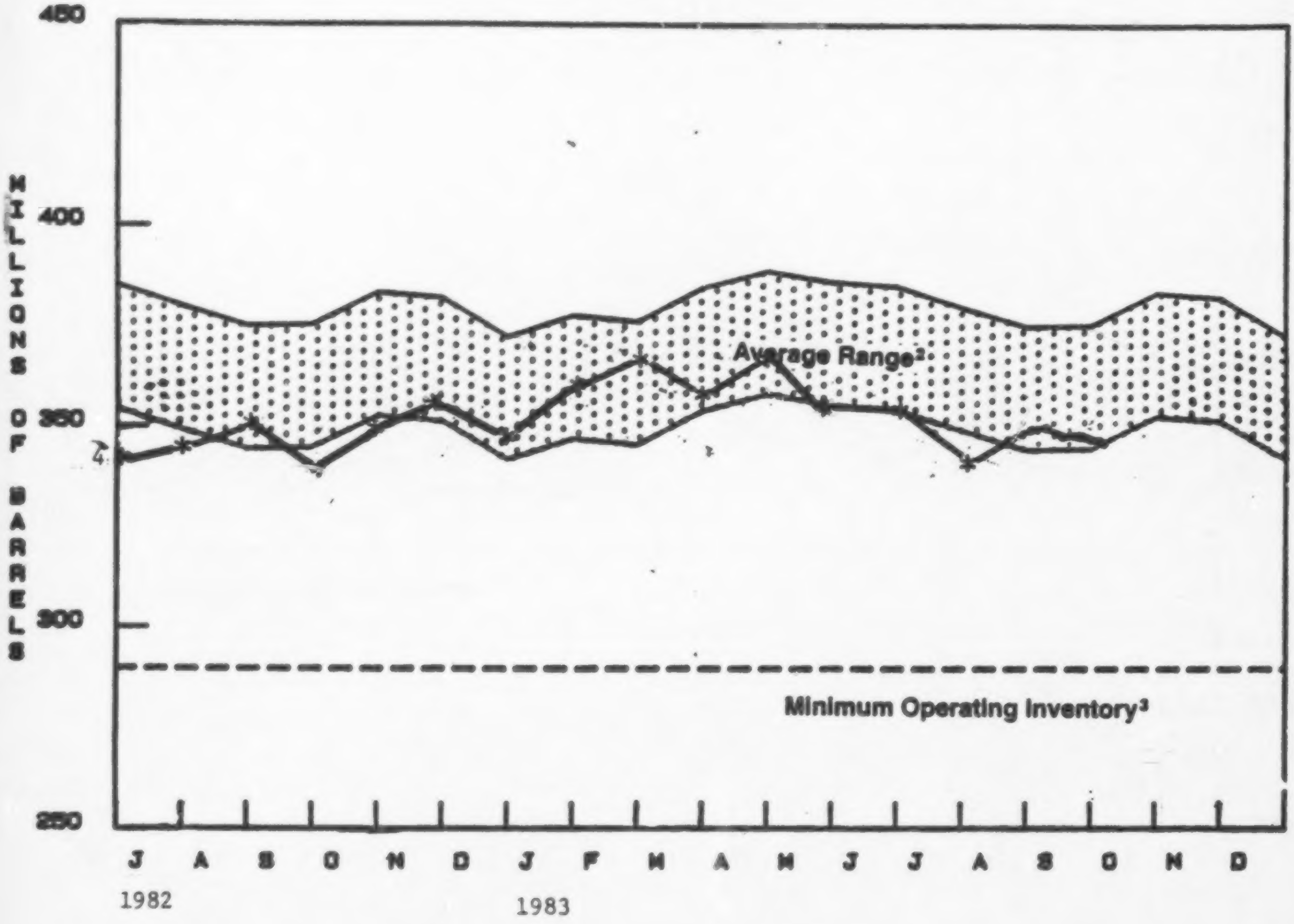
## *REVISIONS*

| | | | |
|---|---|---|---|
| | | *DISTRICT 2 TOTAL* | 29,966 |
| | | *DISTRICT 3 TOTAL* | 23,563 |
| | | *DISTRICT 4 TOTAL* | 2,740 |
| | | *DISTRICT 5 TOTAL* | 10,110 |
| | | *TOTAL U.S.* | 98,293 |
| | | *DISTRICTS 1-4* | 88,183 |
| | *UNLEADED MGAS* | *DISTRICT 3 TOTAL* | 21,688 |
| | | *TOTAL U.S.* | 92,787 |
| | | *DISTRICTS 1-4* | 81,221 |
| | *KEROSINE JET* | *CENTRAL ATLANTIC* | 4,054 |
| | | *DISTRICT 1 TOTAL* | 8,553 |
| | | *TOTAL U.S.* | 34,324 |
| | | *DISTRICTS 1-4* | 28,268 |
| | *DISTILLATE FUEL* | *LOWER ATLANTIC* | 13,480 |
| | | *DISTRICT 1 TOTAL* | 65,253 |
| | | *DISTRICT 3 TOTAL* | 35,394 |
| | | *TOTAL U.S.* | 154,508 |
| | | *DISTRICTS 1-4* | 143,158 |
| | *RESIDUAL FUEL* | *CENTRAL ATLANTIC* | 15,610 |
| | | *DISTRICT 1 TOTAL* | 21,648 |
| | | *DISTRICT 3 TOTAL* | 13,248 |
| | | *TOTAL U.S.* | 47,533 |
| | | *DISTRICTS 1-4* | 38,816 |
| *PAGE 4 TOP* | *TOTAL CRUDE OIL IMPORTS* | *DISTRICTS 1-4 TOTAL* | 4,146 |
| | | *TOTAL U.S.* | 4,370 |
| | *CRUDE OIL STOCKS* | *DISTRICTS 1-4 TOTAL* | 263,898 |
| | | *DISTRICT 5 TOTAL* | 83,875 |
| | | *TOTAL U.S.* | 347,773 |
| | *ALASKAN CRUDE OIL* | *DISTRICT 5 TOTAL* | 28,524 |
| *PAGE 4 BOTTOM* | *TOTAL* | *PAD DISTRICT 3* | 160,898 |
| | *TOTAL* | *TOTAL PAD DISTRICTS 1-4* | 263,898 |
| | *TOTAL* | *PAD DISTRICT 5* | 83,875 |
| | *TOTAL* | *TOTAL U.S.* | 347,773 |
| *PAGE 5* | *KEROSINE JET* | *CENTRAL ATLANTIC* | 42 |
| | | *DISTRICT 1 TOTAL* | 42 |
| | | *TOTAL U.S.* | 50 |
| | *DISTILLATE (INC. NO. 4)* | *CENTRAL ATLANTIC* | 146 |

REVISIONS

| | | |
|---|---|---|
| | DISTRICT 1 TOTAL | 204 |
| | TOTAL U.S. | 212 |
| TOTAL | CENTRAL ATLANTIC | 1,026 |
| | DISTRICT 1 TOTAL | 1,436 |
| | TOTAL U.S. | 1,953 |

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

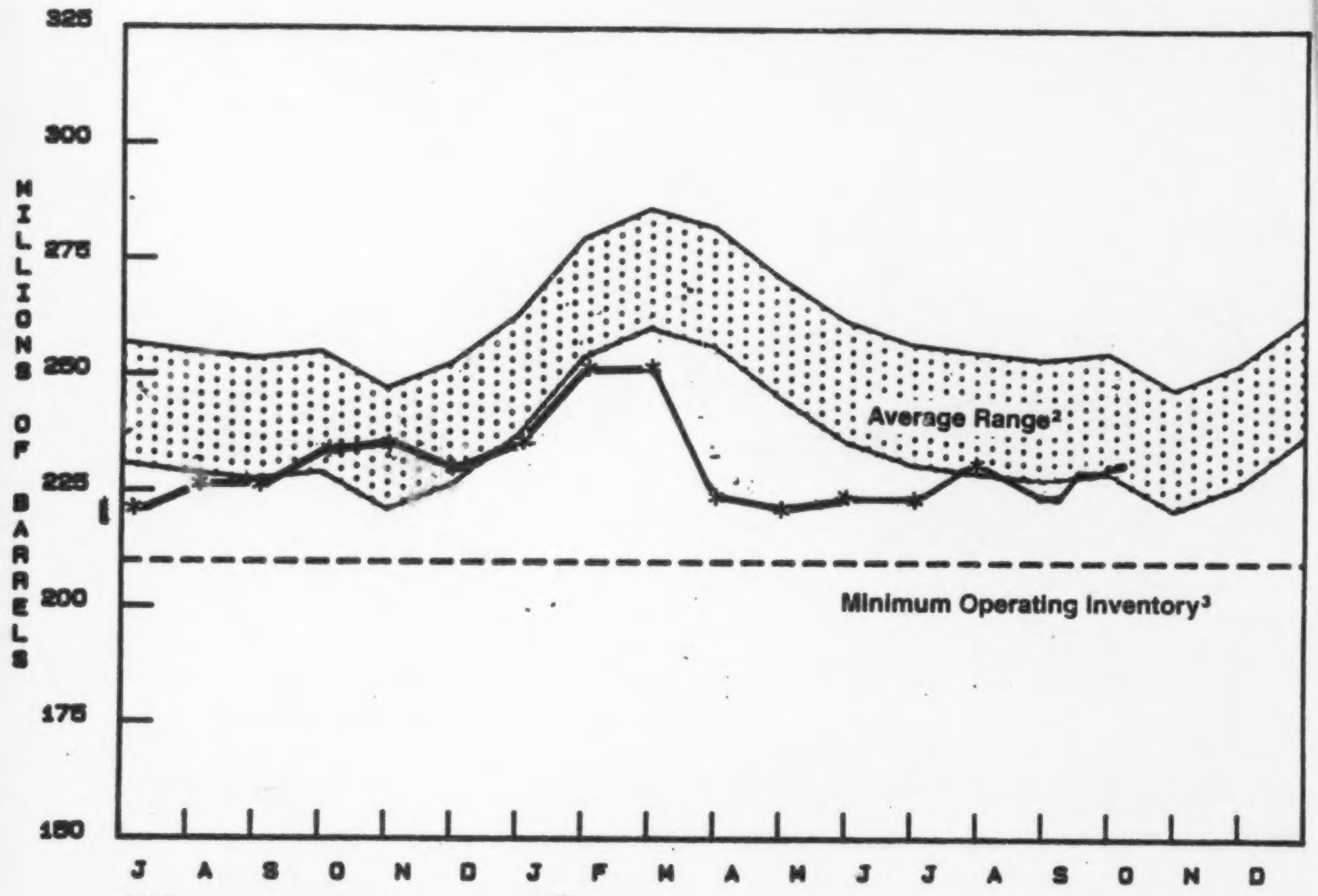
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week ended September 30, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

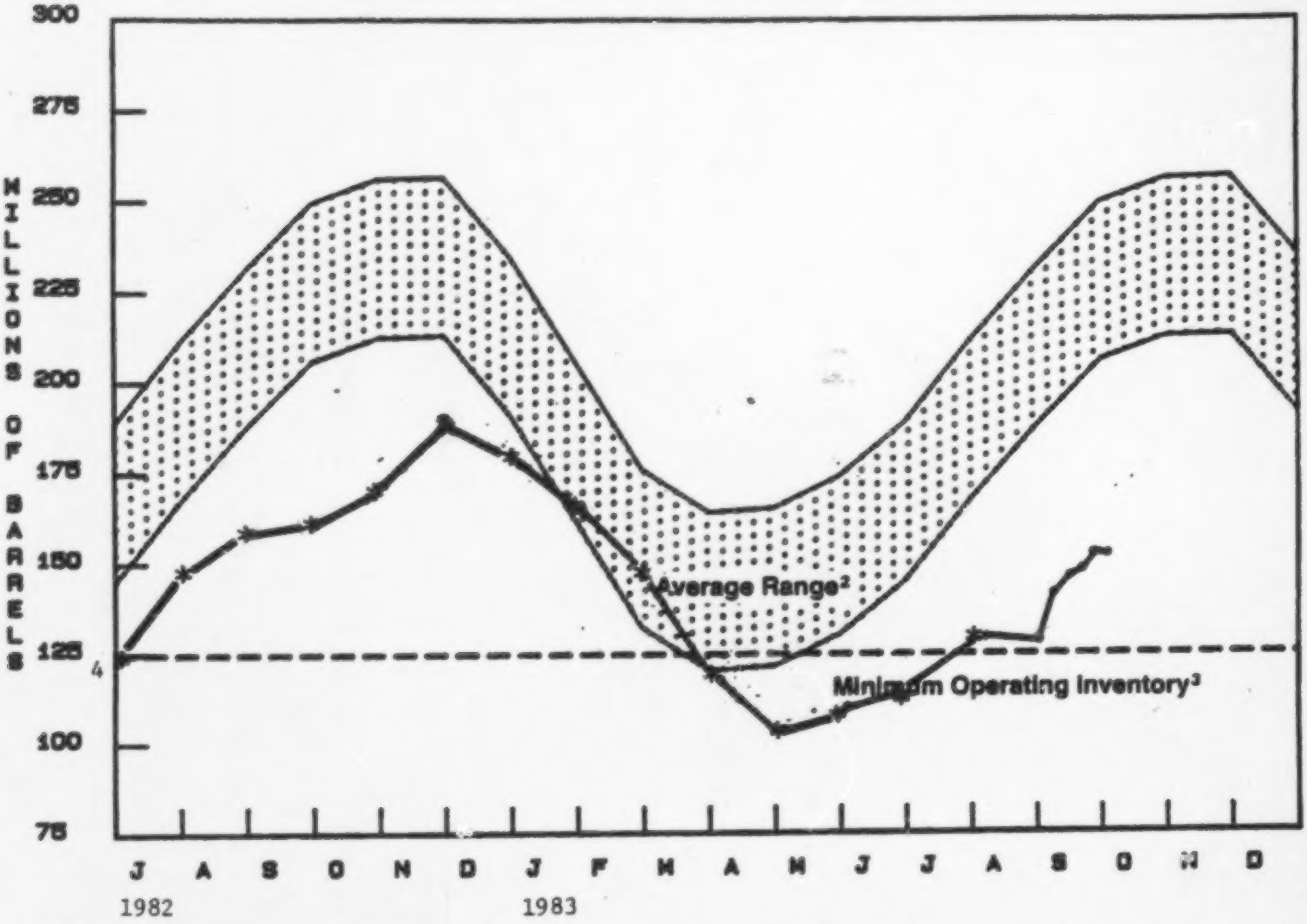
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week ended September 30, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

10/18/83
A2575-1

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** OCTOBER 7, 1983 **NO.** 40

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 10/07/83 | Last Week Ending: 09/30/83 | Last Year Week Ending: 10/08/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units * | 12,335 | 12,610 | 12,391 | - 275 | - 56 |
| Operable capacity | 16,294 | 16,294 | 16,663 | 0 | - 369 |
| Percent operated | 75.7 | 77.4 | 74.4 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,391 | 6,580 | 6,409 | - 189 | - 18 |
| Finished leaded motor gasoline production | 2,796 | 2,628 | N/A | + 168 | N/A |
| Finished unleaded motor gasoline production | 3,595 | 3,952 | N/A | - 357 | N/A |
| Total motor gasoline stocks | 228,504 | 231,090 | 236,541 | - 2,586 | - 8,037 |
| Finished leaded motor gasoline stocks | 95,447 | 97,691 | N/A | - 2,244 | N/A |
| Finished unleaded motor gasoline stocks | 94,102 | 93,501 | 96,823 | + 601 | - 2,721 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,678 | 2,707 | 2,768 | - 29 | - 90 |
| Distillate fuel oil stocks | 157,766 | 153,833 | 165,348 | + 3,933 | - 7,582 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 717 | 723 | 956 | - 6 | - 239 |
| Residual fuel oil stocks | 47,310 | 46,790 | 59,475 | + 520 | - 12,165 |
| Imports | | | | | |
| Crude oil imports | 3,283 | 3,873 | 3,599 | - 590 | - 316 |
| Product imports | 1,865 | 1,676 | 1,197 | + 189 | + 668 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 349,450 | 347,528 | 348,353 | + 1,922 | + 1,097 |

* *SCHEDULED AND UNSCHEDULED SHUTDOWNS CAUSED A DECREASE OF* 164,000 *BBL. PER DAY IN THE LOUISIANA GULF COAST DISTRICT.*

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code* (202) 682-8516 *EFFECTIVE* 10/17/83

NA-Not Available

**American Petroleum Institute**
2101 L Street, Northwest
Washington, D.C. 20037

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *OCTOBER 7, 1983* **NO.** 40

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,060 | 1,055 | 1,088 | 1,229 | 88.5 |
| Appal. No. 1 | 82 | 78 | 78 | 177 | 44.1 |
| **DISTRICT 1 TOTAL** | 1,142 | 1,133 | 1,166 | 1,406 | 82.9 |
| Appal. No. 2 | 56 | 54 | 56 | 66 | 84.8 |
| Ind., Ill., Ky. | 1,893 | 1,853 | 1,888 | 2,345 | 80.5 |
| Minn., Wis., Daks. | 197 | 188 | 196 | 296 | 66.2 |
| Okla., Kans., Mo. | 678 | 615 | 633 | 827 | 76.5 |
| **DISTRICT 2 TOTAL** | 2,824 | 2,710 | 2,773 | 3,534 | 78.5 |
| Inland Texas | 519 | 498 | 505 | 585 | 86.3 |
| Texas Gulf Coast | 3,396 | 3,087 | 3,176 | 3,907 | 81.3 |
| La. Gulf Coast | 2,025 | 1,941 | 1,954 | 2,875 | 68.0 |
| N. La. and Ark. | 194 | 187 | 193 | 286 | 67.5 |
| New Mexico | 99 | 81 | 82 | 105 | 78.1 |
| **DISTRICT 3 TOTAL** | 6,233 | 5,794 | 5,910 | 7,758 | 76.2 |
| **DISTRICT 4 TOTAL** | 454 | 463 | 466 | 536 | 86.9 |
| **DISTRICT 5 TOTAL** | 1,955 | 1,967 | 2,020 | 3,060 | 66.0 |
| **TOTAL U.S.** | 12,608 | 12,067 | 12,335 | 16,294 | 75.7 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *SEP. 30, 1983* | 13,168 | 12,335 | 12,610 | 16,294 | 77.4 |
| *OCT. 8, 1982* | 13,085 | 12,053 | 12,391 | 16,663 | 74.4 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *OCT. 7, 1983* | 10,653 | 10,100 | 10,315 | 13,234 | 77.9 |
| *SEP. 30, 1983* | 11,152 | 10,324 | 10,541 | 13,234 | 79.7 |
| *OCT. 8, 1982* | 11,030 | 10,091 | 10,394 | 13,580 | 76.5 |

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** OCTOBER 7, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| | | Motor Gasoline | | Jet Fuel | | | |
|---|---|---|---|---|---|---|---|
| DISTRICT | Total Motor Gasoline[1] | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | Distillate Fuel Oil[2] | Residual Fuel Oil |
| East Coast | 573 | 205 | 368 | 1 | 32 | 265 | 74 |
| Appal. No. 1 | 24 | 11 | 13 | 1 | -- | 20 | 3 |
| **DISTRICT 1 TOTAL** | 597 | 216 | 381 | 2 | 32 | 285 | 77 |
| Appal. No. 2 | 36 | 19 | 17 | -- | -- | 12 | 3 |
| Ind., Ill., Ky. | 1,024 | 464 | 560 | 16 | 84 | 396 | 33 |
| Minn., Wis., Daks. | 123 | 48 | 75 | 3 | 11 | 45 | 7 |
| Okla., Kans., Mo. | 420 | 213 | 207 | 6 | 27 | 185 | 11 |
| **DISTRICT 2 TOTAL** | 1,603 | 744 | 859 | 25 | 122 | 638 | 54 |
| Inland Texas | 285 | 166 | 119 | 23 | 20 | 109 | 19 |
| Texas Gulf Coast | 1,515 | 598 | 917 | 27 | 253 | 695 | 219 |
| La. Gulf Coast | 1,122 | 491 | 631 | 27 | 173 | 423 | 63 |
| N. La. and Ark. | 62 | 24 | 38 | 3 | -- | 60 | 9 |
| New Mexico | 40 | 22 | 18 | 11 | 1 | 26 | 2 |
| **DISTRICT 3 TOTAL** | 3,024 | 1,301 | 1,723 | 91 | 447 | 1,313 | 312 |
| **DISTRICT 4 TOTAL** | 222 | 138 | 84 | 10 | 22 | 123 | 10 |
| **DISTRICT 5 TOTAL** | 945 | 397 | 548 | 56 | 205 | 319 | 264 |
| **TOTAL U.S.** | 6,391 | 2,796 | 3,595 | 184 | 828 | 2,678 | 717 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | |
| SEP. 30, 1983 | 6,580 | 2,628 | 3,952 | 182 | 820 | 2,707 | 723 |
| OCT. 8, 1982 | 6,409 | N/A | N/A | 195 | 706 | 2,768 | 956 |
| **DISTRICTS 1–4**<br>**Weeks Ended:** | | | | | | | |
| OCT. 7, 1983 | 5,446 | 2,399 | 3,047 | 128 | 623 | 2,359 | 453 |
| SEP. 30, 1983 | 5,581 | 2,155 | 3,426 | 144 | 600 | 2,339 | 464 |
| OCT. 8, 1982 | 5,395 | N/A | N/A | 153 | 498 | 2,450 | 658 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended OCTOBER 7, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,559 | 3,036 | 2,522 | 1 | 112 | 610 | 13,053 | 2,481 | -- |
| Central Atlantic | 30,873 | 12,597 | 12,991 | 5,285 | 248 | 4,418 | 42,413 | 15,955 | 15,318 |
| Lower Atlantic | 27,821 | 14,451 | 13,024 | 346 | 212 | 3,659 | 14,638 | 3,803 | 577 |
| **DISTRICT 1 TOTAL** | 64,253 | 30,084 | 28,537 | 5,632 | 572 | 8,687 | 70,104 | 22,239 | 15,895 |
| **DISTRICT 2 TOTAL** | 65,686 | 29,836 | 28,700 | 7,150 | 1,555 | 7,481 | 40,092● | 3,471 | 16,826 |
| **DISTRICT 3 TOTAL** | 63,787 | 23,403 | 23,870 | 16,514 | 2,660 | 10,257 | 34,547 | 12,804 | 54,832 |
| **DISTRICT 4 TOTAL** | 6,347● | 2,927● | 1,651● | 1,769 | 324 | 675 | 2,607● | 460 | 2,735 |
| **DISTRICT 5 TOTAL** | 28,431 | 9,197 | 11,344 | 7,890 | 1,609 | 5,893 | 10,416 | 8,336 | 23,773 |
| **TOTAL U.S.** | 228,504 | 95,447 | 94,102 | 38,955 | 6,720 | 32,993 | 157,766 | 47,310 | 114,061 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| SEP. 30, 1983 | 231,090● | 97,691● | 93,501● | 39,898 | 6,601 | 34,643 | 153,833● | 46,790 | 113,948 |
| OCT. 8, 1982 | 236,541 | N/A | 96,823 | N/A | 5,759 | 32,368 | 165,348 | 59,475 | 117,283 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| OCT. 7, 1983 | 200,073 | 86,250 | 82,758 | 31,065 | 5,111 | 27,100 | 147,350 | 38,974 | 90,288 |
| SEP. 30, 1983 | 201,393● | 87,983● | 82,187● | 31,223 | 4,894 | 28,722 | 142,778● | 38,937 | 90,091 |
| OCT. 8, 1982 | 209,072 | N/A | 86,611 | N/A | 4,509 | 26,769 | 155,135 | 49,769 | 91,548 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● SEE REVISIONS ON PAGE 7.

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| Weeks Ended: | API Monthly | Latest Dept. of Energy *MAY* 1983 | Total | From Canada | Crude Oil Stocks By Location[1] |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *OCT.* 7, 1983 | 5,850.0 | 5,828.0 | 3,063 | 237 | 265,874 |
| *SEP.* 30, 1983 | 5,850.0 | -- | 3,777 | 227 | 264,192 |
| *SEP.* 23, 1983 | 5,850.0 | -- | 4,146 | 292 | 263,898 |
| *SEP.* 16, 1983 | 5,850.0 | -- | 3,889 | 282 | 266,386 |
| **DISTRICT 5 TOTAL** | | | | | |
| *OCT.* 7, 1983 | 2,860.0 | 2,787.0 | 220 | -- | 83,576 * |
| *SEP.* 30, 1983 | 2,860.0 | -- | 96 | 8 | 83,336 |
| *SEP.* 23, 1983 | 2,860.0 | -- | 224 | 7 | 83,875 |
| *SEP.* 16, 1983 | 2,860.0 | -- | 129 | -- | 82,998 |
| **TOTAL U.S.* | | | | | |
| *OCT.* 7, 1983 | 8,710.0 | 8,615.0 | 3,283 | 237 | 349,450 * |
| *SEP.* 30, 1983 | 8,710.0 | -- | 3,873 | 235 | 347,528 |
| *SEP.* 23, 1983 | 8,710.0 | -- | 4,370 | 299 | 347,773 |
| *SEP.* 16, 1983 | 8,710.0 | -- | 4,018 | 282 | 349,384 |
| *OCT.* 8, 1982 | 8,683.6 /A | -- | 3,599 | 177 | 348,353 |

**INCLUDES* 24,592 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

*/A - DOE ACTUAL FOR SEPTEMBER* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *OCT.* 7, 1983 | 16,095 | 76,482 | 160,320 | 12,977 | 265,874 | 83,576 * | 349,450 * |
| *SEP.* 30, 1983 | 14,869 | 76,100 | 160,136 | 13,087 | 264,192 | 83,336 | 347,528 |
| *OCT.* 8, 1982 | 18,245 | 70,157 | 150,694 | 11,927 | 251,023 | 97,330 | 348,353 |

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[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** OCTOBER 7, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 18 | -- | 18 | -- | -- | -- | 22 | -- | -- | -- | 40 |
| Central Atlantic | 243 | 143 | 100 | -- | 37 | 228 | 619 | 5 | 86 | 118 | 1,336 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 103 | -- | -- | -- | 103 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| OCT. 7, 1983 | 261 | 143 | 118 | -- | 37 | 228 | 744 | 5 | 86 | 118 | 1,479 |
| SEP. 30, 1983 | 261 | 146 | 115 | -- | 8 | 181 | 607 | 3 | 85 | 43 | 1,188 |
| SEP. 23, 1983 | 229 | 89 | 140 | -- | 42 | 204 | 662 | 6 | 150 | 143 | 1,436 |
| SEP. 16, 1983 | 160 | 50 | 110 | -- | 57 | 189 | 570 | 7 | 71 | 124 | 1,178 |
| **DISTRICTS 2-4 TOTAL** | | | | | | | | | | | |
| OCT. 7, 1983 | 3 | 3 | -- | -- | 6 | 15 | 27 | 99 | 116 | 39 | 305 |
| SEP. 30, 1983 | 34 | 34 | -- | -- | 10 | 3 | 27 | 96 | 99 | 55 | 324 |
| SEP. 23, 1983 | 2 | 2 | -- | -- | 5 | 4 | 64 | 103 | 200 | 17 | 395 |
| SEP. 16, 1983 | 4 | 4 | -- | -- | 32 | 5 | 15 | 147 | 216 | 12 | 431 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| OCT. 7, 1983 | 28 | 17 | 11 | -- | 2 | 5 | 26 | 8 | 2 | 10 | 81 |
| SEP. 30, 1983 | 43 | 22 | 21 | -- | 3 | 5 | 54 | 14 | 8 | 37 | 164 |
| SEP. 23, 1983 | 42 | 34 | 8 | -- | 3 | 4 | 55 | 8 | -- | 10 | 122 |
| SEP. 16, 1983 | 26 | 18 | 8 | -- | 3 | 5 | 26 | 11 | 53 | 9 | 133 |
| **TOTAL U.S.** | 292 | 163 | 129 | -- | 45 | 248 | 797 | 112 | 204 | 167 | 1,865 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| SEP. 30, 1983 | 338 | 202 | 136 | -- | 21 | 189 | 688 | 113 | 192 | 135 | 1,676 |
| SEP. 23, 1983 | 273 | 125 | 148 | -- | 50 | 212 | 781 | 117 | 350 | 170 | 1,953 |
| SEP. 16, 1983 | 190 | 72 | 118 | -- | 92 | 199 | 611 | 165 | 340 | 145 | 1,742 |
| OCT. 8, 1982 | 188 | N/A | 62 | -- | -- | 78 | 596 | 177 | 146 | 17 | 1,197 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico aad the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

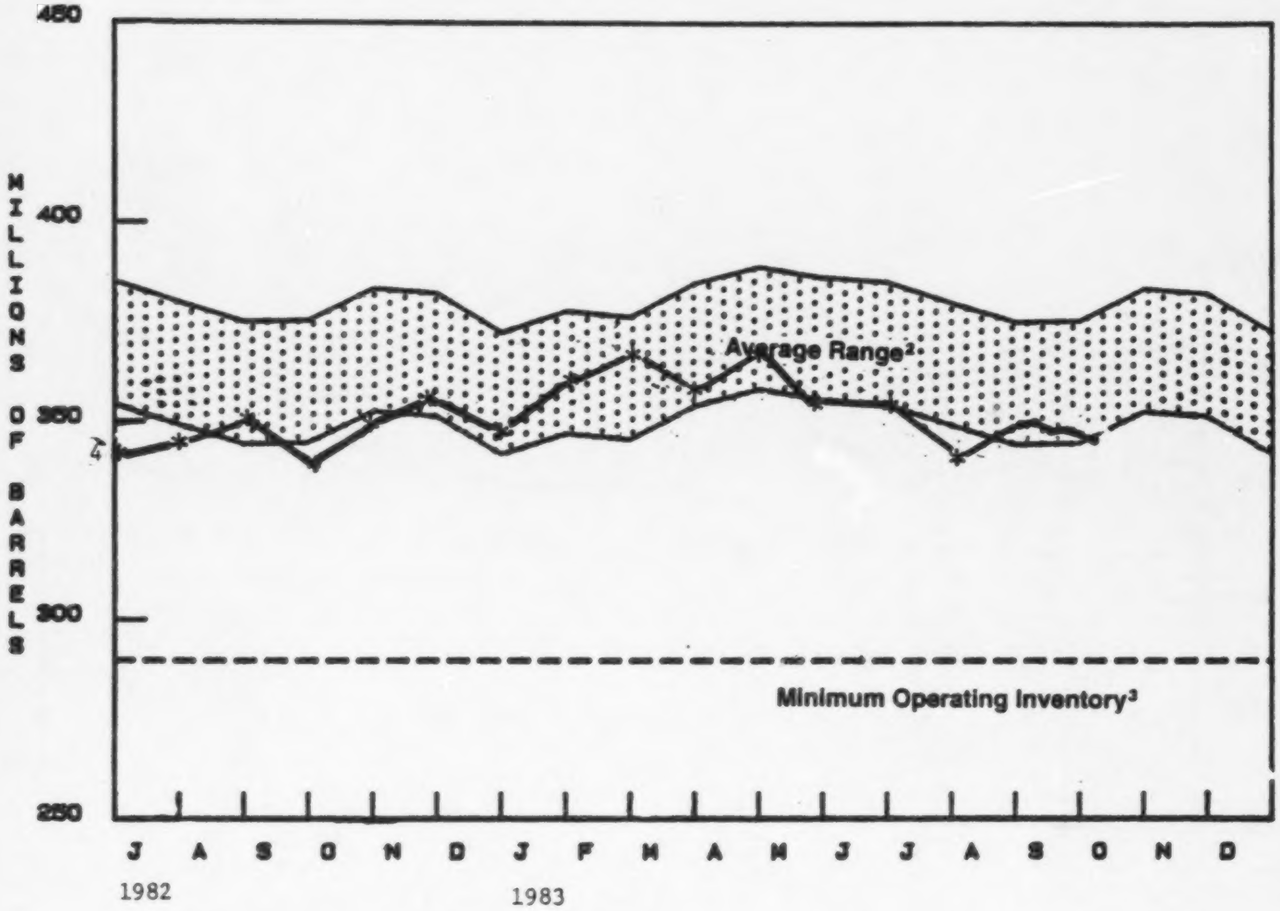
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 9/30/83 | PAGE 3 | TOTAL MGAS | DISTRICT 4 TOTAL | 6,080 |
| | | | TOTAL U.S. | 231,090 |
| | | | DISTRICTS 1-4 | 201,393 |
| | | LEADED MGAS | DISTRICT 4 TOTAL | 3,017 |
| | | | TOTAL U.S. | 97,691 |
| | | | DISTRICTS 1-4 | 87,983 |
| | | UNLEADED MGAS | DISTRICT 4 TOTAL | 1,658 |
| | | | TOTAL U.S. | 93.501 |
| | | | DISTRICTS 1-4 | 82,187 |
| | | DISTILLATE FUEL | DISTRICT 2 TOTAL | 39,536 |
| | | | DISTRICT 4 TOTAL | 2,742 |
| | | | TOTAL U.S. | 153,833 |
| | | | DISTRICTS 1-4 | 142,778 |

Week Ended October 7, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

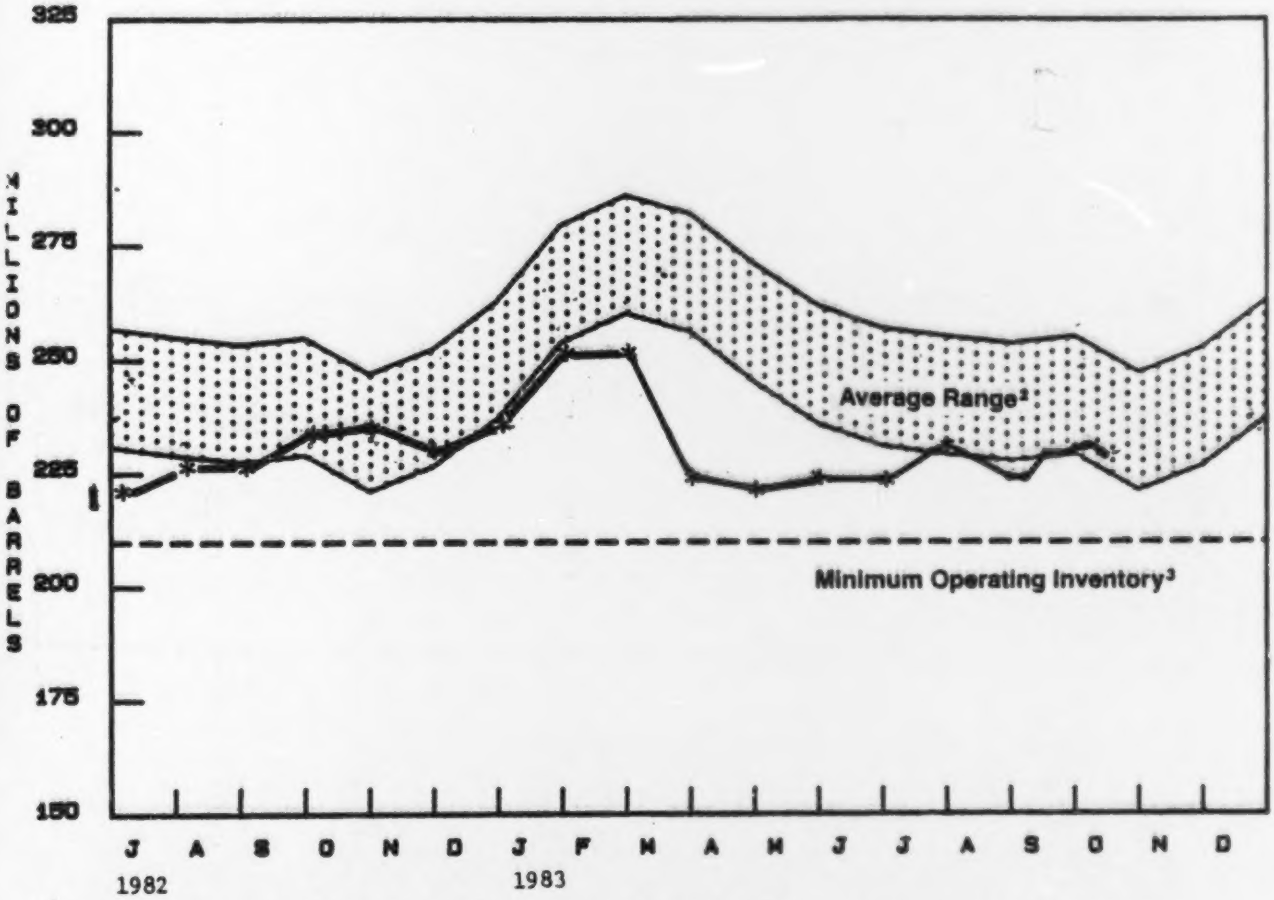
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended October 7, 1983

## Motor Gasoline Stocks at Primary Level[1][5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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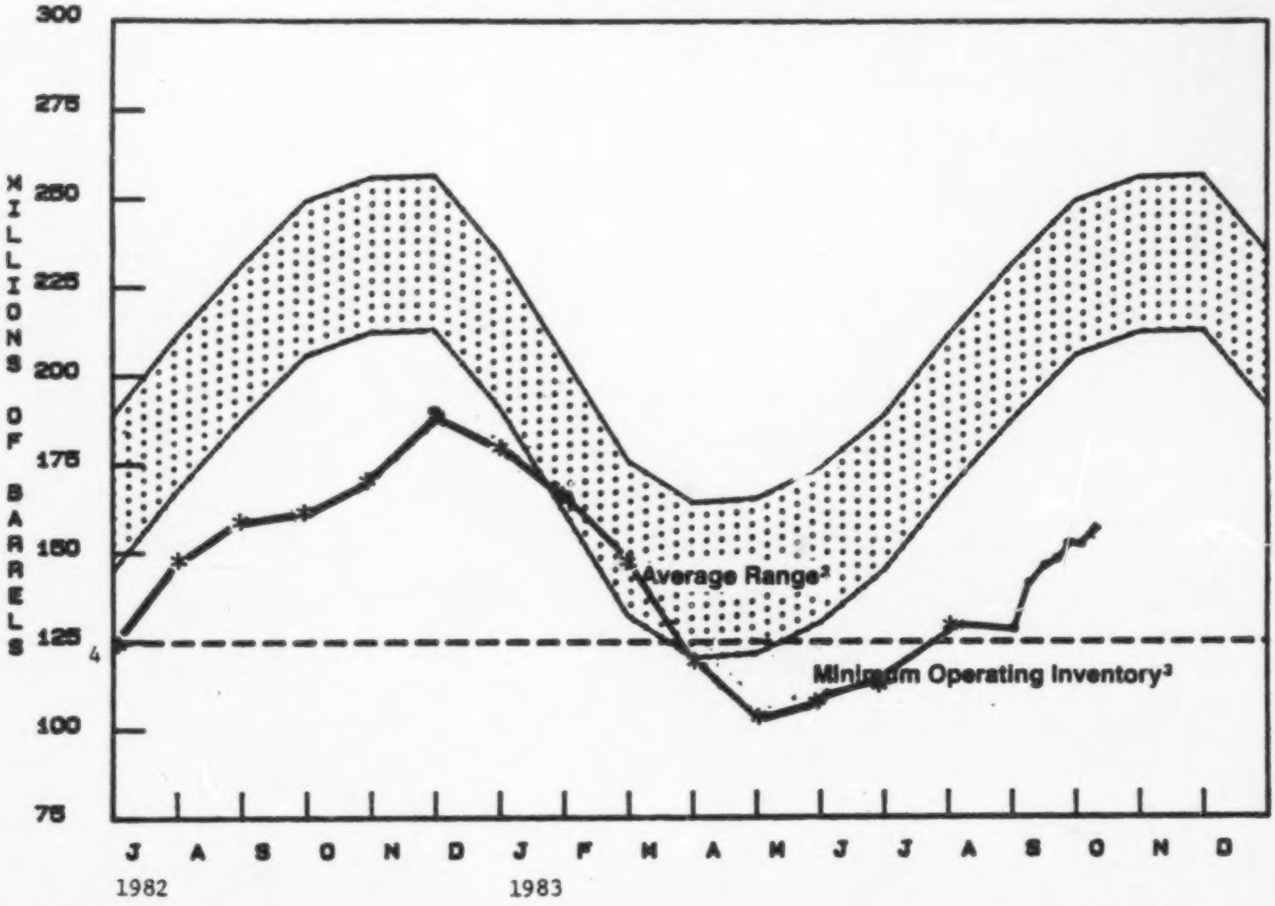
## Distillate Fuel Oil Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

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[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

10/25/83
A2575-1

**American Petroleum Institute**
1220 L Street, Northwest
Washington, D.C. 20005

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** October 14, 1983 **NO.** 41

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 10/14/83 | Last Week Ending: 10/07/83 | Last Year Week Ending: 10/15/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| Refinery Operations | | | | | |
| Input to crude oil distillation units | 12,095 | 12,335 | 12,245 | - 240 | - 150 |
| Operable capacity | 16,309 | 16,294 | 16,663 | 0 | - 354 |
| Percent operated | 74.2 | 75.7 | 73.5 | | |
| Motor Gasoline | | | | | |
| Total motor gasoline production | 6,266 | 6,391 | 6,300 | - 125 | - 34 |
| Finished leaded motor gasoline production | 2,746 | 2,796 | N/A | - 50 | N/A |
| Finished unleaded motor gasoline production | 3,520 | 3,595 | N/A | - 75 | N/A |
| Total motor gasoline stocks | 231,139 | 228,504 | 234,905 | + 2,635 | - 3,766 |
| Finished leaded motor gasoline stocks | 98,490 | 95,447 | N/A | + 3,043 | N/A |
| Finished unleaded motor gasoline stocks | 94,089 | 94,102 | 97,228 | - 13 | - 3,139 |
| Distillate Fuel Oil | | | | | |
| Distillate fuel oil production | 2,637 | 2,678 | 2,840 | - 41 | - 203 |
| Distillate fuel oil stocks | 159,641 | 157,497 | 168,722 | + 2,144 | - 9,081 |
| Residual Fuel Oil | | | | | |
| Residual fuel oil production | 747 | 717 | 994 | + 30 | - 247 |
| Residual fuel oil stocks | 47,796 | 47,310 | 59,917 | + 486 | - 12,121 |
| Imports | | | | | |
| Crude oil imports | 3,340 | 3,283 | 3,203 | + 57 | + 137 |
| Product imports | 1,884 | 1,865 | 1,084 | + 19 | + 800 |
| Crude Oil Stocks | | | | | |
| Crude oil stocks | 350,954 | 349,450 | 340,190 | + 1,504 | + 10,764 |

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code* (202) 682-8516

NA-Not Available

**American Petroleum Institute**
1220 L Street, Northwest
Washington, D.C. 20005

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *OCTOBER* 14, 1983 **NO.** 41

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,050 | 945 | 982 | 1,229 | 79.9 |
| Appal. No. 1 | 84 | 80 | 80 | 177 | 45.2 |
| **DISTRICT 1 TOTAL** | 1,134 | 1,025 | 1,062 | 1,406 | 75.5 |
| Appal. No. 2 | 73 | 71 | 73 | 66 | 110.6 |
| Ind., Ill., Ky. | 1,956● | 1,843 | 1,884 | 2,345 | 80.3 |
| Minn., Wis., Daks. | 197 | 188 | 195 | 296 | 65.9 |
| Okla., Kans., Mo. | 648 | 587 | 608 | 827 | 73.5 |
| **DISTRICT 2 TOTAL** | 2,874● | 2,689 | 2,760 | 3,534 | 78.1 |
| Inland Texas | 503 | 483 | 489 | 585 | 83.6 |
| Texas Gulf Coast | 3,385 | 3,099 | 3,201 | 3,907 | 81.9 |
| La. Gulf Coast | 2,054 | 1,867 | 1,877 | 2,890 | 64.9 |
| N. La. and Ark. | 196 | 188 | 194 | 286 | 67.8 |
| New Mexico | 97 | 76 | 78 | 105 | 74.3 |
| **DISTRICT 3 TOTAL** | 6,235 | 5,713 | 5,839 | 7,773 | 75.1 |
| **DISTRICT 4 TOTAL** | 417 | 424 | 426 | 536 | 79.5 |
| **DISTRICT 5 TOTAL** | 1,970 | 1,993 | 2,008 | 3,060 | 65.6 |
| **TOTAL U.S.** | 12,630 | 11,844 | 12,095 | 16,309 | 74.2 |
| **TOTAL U.S. Weeks Ended:** | | | | | |
| *OCT.* 7, 1983 | 12,591● | 12,067 | 12,335 | 16,294 | 75.7 |
| *OCT.* 15, 1982 | 13,089 | 11,840 | 12,245 | 16,663 | 73.5 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | |
| *OCT.* 14, 1983 | 10,660 | 9,851 | 10,087 | 13,249 | 76.1 |
| *OCT.* 7, 1983 | 10,636● | 10,100 | 10,315 | 13,234 | 77.9 |
| *OCT.* 15, 1982 | 11,023 | 9,961 | 10,332 | 13,580 | 76.1 |

● *SEE REVISIONS ON PAGE* 8

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** OCTOBER 14, 1983

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 494 | 176 | 318 | 4 | 28 | 209 | 62 |
| Appal. No. 1 | 24 | 13 | 11 | 1 | -- | 24 | 3 |
| **DISTRICT 1 TOTAL** | 518 | 189 | 329 | 5 | 28 | 233 | 65 |
| Appal. No. 2 | 44 | 24 | 20 | -- | 1 | 19 | 4 |
| Ind., Ill., Ky. | 1,125 | 508 | 617 | 16 | 106 | 375 | 25 |
| Minn., Wis., Daks. | 127 | 51 | 76 | 2 | 14 | 43 | 5 |
| Okla., Kans., Mo. | 423 | 229 | 194 | 17 | 8 | 170 | 10 |
| **DISTRICT 2 TOTAL** | 1,719 | 812 | 907 | 35 | 129 | 607 | 44 |
| Inland Texas | 283 | 150 | 133 | 17 | 10 | 110 | 18 |
| Texas Gulf Coast | 1,494 | 596 | 898 | 36 | 258 | 756 | 234 |
| La. Gulf Coast | 1,002 | 412 | 590 | 14 | 192 | 410 | 99 |
| N. La. and Ark. | 65 | 24 | 41 | 2 | -- | 59 | 10 |
| New Mexico | 40 | 21 | 19 | 8 | 1 | 25 | 2 |
| **DISTRICT 3 TOTAL** | 2,884 | 1,203 | 1,681 | 77 | 461 | 1,360 | 363 |
| **DISTRICT 4 TOTAL** | 217 | 135 | 82 | 10 | 19 | 104 | 7 |
| **DISTRICT 5 TOTAL** | 928 | 407 | 521 | 41 | 189 | 333 | 268 |
| **TOTAL U.S.** | 6,266 | 2,746 | 3,520 | 168 | 826 | 2,637 | 747 |
| **TOTAL U.S.<br>Weeks Ended:** | | | | | | | |
| OCT. 7, 1983 | 6,391 | 2,796 | 3,595 | 184 | 828 | 2,678 | 717 |
| OCT. 15, 1982 | 6,300 | N/A | N/A | 198 | 752 | 2,840 | 994 |
| **DISTRICTS 1–4<br>Weeks Ended:** | | | | | | | |
| OCT. 14, 1983 | 5,338 | 2,339 | 2,999 | 127 | 637 | 2,304 | 479 |
| OCT. 7, 1983 | 5,446 | 2,399 | 3,047 | 128 | 623 | 2,359 | 453 |
| OCT. 15, 1982 | 5,327 | N/A | N/A | 152 | 567 | 2,527 | 691 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** OCTOBER 14, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| | | Motor Gasoline | | | Jet Fuel | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **DISTRICT** | **Total Motor Gasoline[1]** | **Finished Leaded** | **Finished Unleaded** | **Blending Components** | **Naphtha Type** | **Kerosine Type** | **Distillate Fuel Oil[2]** | **Residual Fuel Oil** | **Unfinished Oils** |
| New England | 5,731 | 2,992 | 2,738 | 1 | 73 | 536 | 13,314 | 2,619 | -- |
| Central Atlantic | 32,333 | 14,920 | 12,463 | 4,950 | 256 | 4,822 | 42,388● | 16,268 | 15,581 |
| Lower Atlantic | 27,712 | 14,480 | 12,803 | 429 | 101 | 4,076 | 14,999 | 3,107 | 689 |
| **DISTRICT 1 TOTAL** | 65,776 | 32,392 | 28,004 | 5,380 | 430 | 9,434 | 70,701● | 21,994 | 16,270 |
| **DISTRICT 2 TOTAL** | 65,160 | 29,628 | 29,327 | 6,205 | 1,605 | 7,633 | 39,145 | 3,526 | 17,406 |
| **DISTRICT 3 TOTAL** | 67,339 | 24,955 | 24,797 | 17,587 | 2,720 | 12,441 | 36,440 | 13,065 | 52,107 |
| **DISTRICT 4 TOTAL** | 5,857 | 2,824 | 1,620 | 1,413 | 332 | 661 | 2,618 | 447 | 2,886 |
| **DISTRICT 5 TOTAL** | 27,007 | 8,691 | 10,341 | 7,975 | 1,783 | 5,823 | 10,737 | 8,764 | 23,089 |
| **TOTAL U.S.** | 231,139 | 98,490 | 94,089 | 38,560 | 6,870 | 35,992 | 159,641 | 47,796 | 111,758 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | |
| OCT. 7, 1983 | 228,504 | 95,447 | 94,102 | 38,955 | 6,720 | 32,993 | 157,497● | 47,310 | 114,061 |
| OCT. 15, 1982 | 234,905 | N/A | 97,228 | N/A | 5,983 | 33,377 | 168,722 | 59,917 | 116,063 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | | | |
| OCT. 14, 1983 | 204,132 | 89,799 | 83,748 | 30,585 | 5,087 | 30,169 | 148,904 | 39,032 | 88,669 |
| OCT. 7, 1983 | 200,073 | 86,250 | 82,758 | 31,065 | 5,111 | 27,100 | 147,081● | 38,974 | 90,288 |
| OCT. 15, 1982 | 206,480 | N/A | 86,739 | N/A | 4,664 | 27,836 | 158,892 | 50,589 | 91,058 |

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[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

● SEE REVISIONS ON PAGE 8

**WEEKLY STATISTICAL BULLETIN**
**Week Ended** OCTOBER 14, 1983

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| Weeks Ended: | Estimated Domestic Production[1] API Monthly | Estimated Domestic Production[1] Latest Dept. of Energy MAY 1983 | Crude Oil Imports[1] Total | Crude Oil Imports[1] From Canada | Crude Oil Stocks By Location[1] |
|---|---|---|---|---|---|
| | Daily Average | Daily Average | Daily Average | Daily Average | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| OCT. 14, 1983 | 5,836.0 | 5,828.0 | 3,120 | 280 | 263,184 |
| OCT. 7, 1983 | 5,830.0● | -- | 3,063 | 237 | 265,874 |
| SEP. 30, 1983 | 5,830.0● | -- | 3,777 | 227 | 264,192 |
| SEP. 23, 1983 | 5,830.0● | -- | 4,146 | 292 | 263,898 |
| **DISTRICT 5 TOTAL** | | | | | |
| OCT. 14, 1983 | 2,855.5 | 2,787.0 | 220 | -- | 87,770 * |
| OCT. 7, 1983 | 2,850.1● | -- | 220 | -- | 83,576 |
| SEP. 30, 1983 | 2,850.1● | -- | 96 | 8 | 83,336 |
| SEP. 23, 1983 | 2,850.1● | -- | 224 | 7 | 83,875 |
| *INCLUDES 31,250 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. | | | | | |
| **TOTAL U.S.** | | | | | |
| OCT. 14, 1983 | 8,691.5 | 8,615.0 | 3,340 | 280 | 350,954 * |
| OCT. 7, 1983 | 8,680.1● | -- | 3,283 | 237 | 349,450 |
| SEP. 30, 1983 | 8,680.1● | -- | 3,873 | 235 | 347,528 |
| SEP. 23, 1983 | 8,680.1● | -- | 4,370 | 299 | 347,773 |
| OCT. 15, 1982 | 8,683.6 /A | -- | 3,203 | 162 | 340,190 |

/A DOE ACTUAL FOR OCTOBER 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| Location | District 1 | District 2 | District 3 | District 4 | Districts 1–4 | District 5 | Total U.S. |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| OCT. 14, 1983 | 14,348 | 76,898 | 159,469 | 12,469 | 263,184 | 87,770 * | 350,954 * |
| OCT. 7, 1983 | 16,095 | 76,482 | 160,320 | 12,977 | 265,874 | 83,576 | 349,450 |
| OCT. 15, 1982 | 18,795 | 69,332 | 149,301 | 11,753 | 249,181 | 91,009 | 340,190 |

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[1] See definitional notes, Page 6.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** OCTOBER 14, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | -- | -- | -- | -- | -- | 86 | 71 | 1 | -- | -- | 158 |
| Central Atlantic | 141 | -- | 141 | -- | 10 | 257 | 542 | 17 | 110 | 45 | 1,122 |
| Lower Atlantic | 58 | 43 | 15 | -- | -- | 46 | 110 | -- | -- | 2 | 216 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| OCT. 14, 1983 | 199 | 43 | 156 | -- | 10 | 389 | 723 | 18 | 110 | 47 | 1,496 |
| OCT. 7, 1983 | 261 | 143 | 118 | -- | 37 | 228 | 744 | 5 | 86 | 118 | 1,479 |
| SEP. 30, 1983 | 261 | 146 | 115 | -- | 8 | 181 | 607 | 3 | 85 | 43 | 1,188 |
| SEP. 23, 1983 | 229 | 89 | 140 | -- | 42 | 204 | 662 | 6 | 150 | 143 | 1,436 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| OCT. 14, 1983 | 3 | 3 | -- | -- | 6 | 20 | 36 | 40 | 10 | 144 | 259 |
| OCT. 7, 1983 | 3 | 3 | -- | -- | 6 | 15 | 27 | 99 | 116 | 39 | 305 |
| SEP. 30, 1983 | 34 | 34 | -- | -- | 10 | 3 | 27 | 96 | 99 | 55 | 324 |
| SEP. 23, 1983 | 2 | 2 | -- | -- | 5 | 4 | 64 | 103 | 200 | 17 | 395 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| OCT. 14, 1983 | 22 | 11 | 11 | -- | 2 | 4 | 47 | 15 | 19 | 20 | 129 |
| OCT. 7, 1983 | 28 | 17 | 11 | -- | 2 | 5 | 26 | 8 | 2 | 10 | 81 |
| SEP. 30, 1983 | 43 | 22 | 21 | -- | 3 | 5 | 54 | 14 | 8 | 37 | 164 |
| SEP. 23, 1983 | 42 | 34 | 8 | -- | 3 | 4 | 55 | 8 | -- | 10 | 122 |
| **TOTAL U.S.** | 224 | 57 | 167 | -- | 18 | 413 | 806 | 73 | 139 | 211 | 1,884 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | | | | | |
| OCT. 7, 1983 | 292 | 163 | 129 | -- | 45 | 248 | 797 | 112 | 204 | 167 | 1,865 |
| SEP. 30, 1983 | 338 | 202 | 136 | -- | 21 | 189 | 688 | 113 | 192 | 135 | 1,676 |
| SEP. 23, 1983 | 273 | 125 | 148 | -- | 50 | 212 | 781 | 117 | 350 | 170 | 1,953 |
| OCT. 15, 1982 | 200 | N/A | 60 | -- | -- | 78 | 429 | 125 | 200 | 48 | 1,084 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

## ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

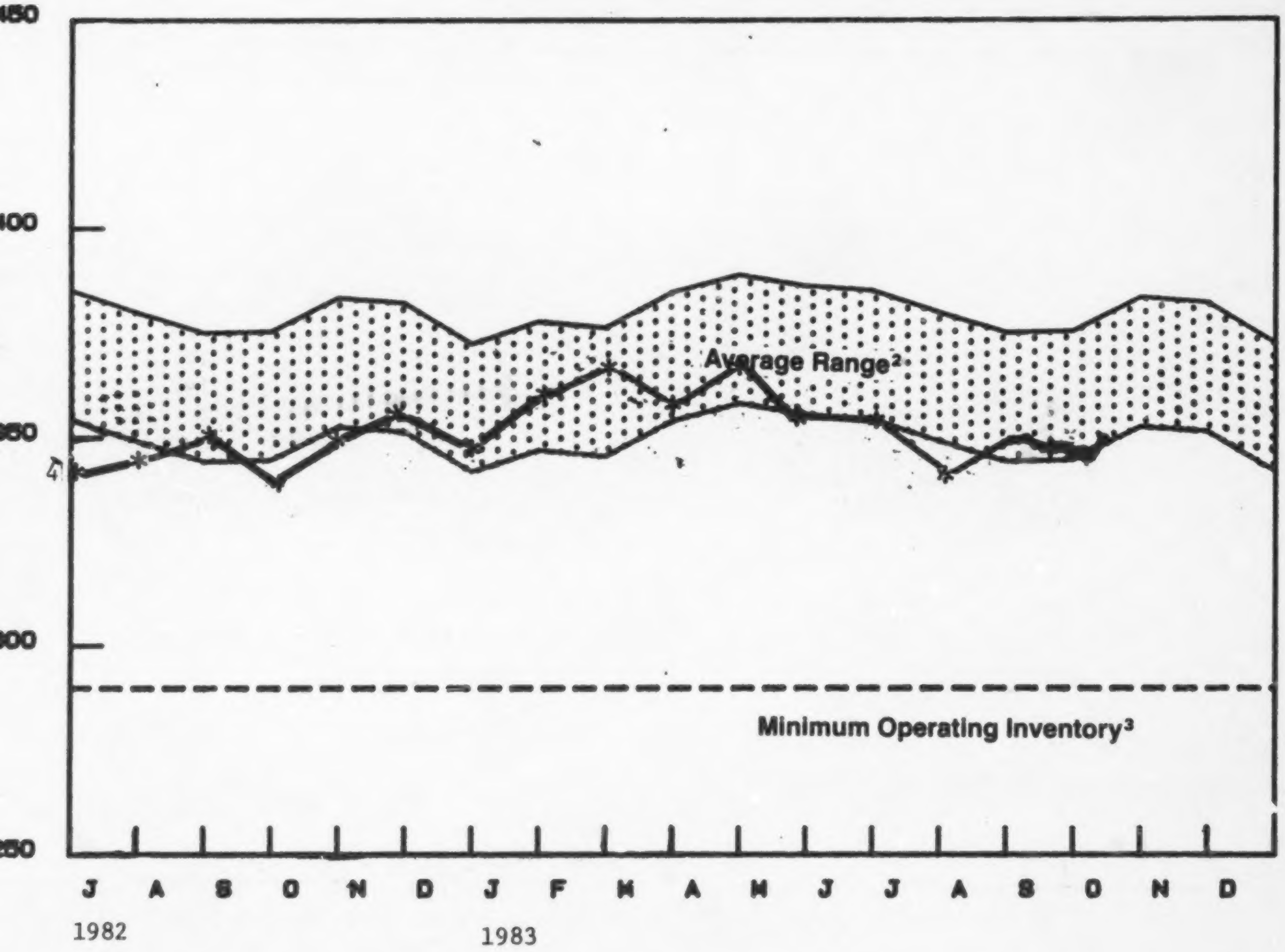
| | API Estimated Production | | Dept. of Energy |
|---|---|---|---|
| | September 1983 | August 1983 | May 1983 |
| Florida | 57.0 | 59.0 | 54.0 |
| New York-Pennsylvania | 14.0 | 14.0 | 14.0 |
| Virginia | - | - | - |
| West Virginia | 8.0 | 8.0 | 10.0 |
| Illinois | 81.0 | 82.0 | 80.0 |
| Indiana | 16.0 | 19.0 | 14.0 |
| Kansas | 196.0 | 196.0 | 192.0 |
| Kentucky | 23.0 | 23.0 | 22.0 |
| Michigan | 91.0 | 91.0 | 78.0 |
| Missouri-Tennessee | 4.0 | 4.0 | 4.0 |
| Nebraska | 18.0 | 18.0 | 18.0 |
| Ohio | 40.0 | 40.0 | 40.0 |
| Oklahoma | 442.0 | 440.0 | 443.0 |
| North Dakota | 138.0 | 140.0 | 137.0 |
| South Dakota | 3.0 | 3.0 | 3.0 |
| Alabama | 52.0 | 53.0 | 53.0 |
| Arkansas | 52.0 | 52.0 | 52.0 |
| Mississippi | 84.0 | 84.0 | 83.0 |
| New Mexico-So. East | 187.0 | 186.0 | 186.0 |
| New Mexico-Other | 15.0 | 14.0 | 16.0 |
| North Louisiana | 93.0 | 95.0 | 91.0 |
| South Louisiana | 1,207.0 | 1,185.0 | 1,211.0 |
| Total Louisiana | 1,300.0 | 1,280.0 | 1,302.0 |
| Texas | | | |
| District 1 | 67.0 | 67.0 | 67.0 |
| District 2 | 108.0 | 108.0 | 110.0 |
| District 3 | 360.0 | 362.0 | 356.0 |
| District 4 | 74.0 | 75.0 | 74.0 |
| District 5 | 24.0 | 24.0 | 26.0 |
| District 6, East Texas Field | 142.0 | 142.0 | 143.0 |
| Other | 113.0 | 114.0 | 114.0 |
| District 7-B | 91.0 | 91.0 | 93.0 |
| District 7-C | 93.0 | 95.0 | 91.0 |
| District 8 and 8-A | 1,243.0 | 1,250.0 | 1,241.0 |
| District 9 | 103.0 | 105.0 | 104.0 |
| District 10 | 57.0 | 57.0 | 59.0 |
| Total Texas | 2,475.0 | 2,490.0 | 2,478.0 |
| Colorado | 77.0 | 80.0 | 75.0 |
| Montana | 80.0 | 81.0 | 85.0 |
| Utah | 65.0 | 64.0 | 79.0 |
| Wyoming | 312.0 | 315.0 | 310.0 |
| Total Dists. 1-4 | 5,830.0 | 5,836.0 | 5,828.0 |
| Alaska | 1,730.6 | 1,693.6 | 1,663.0 |
| Arizona | 1.0 | 1.0 | 1.0 |
| California | 1,116.5 | 1,116.0 | 1,121.0 |
| Nevada | 2.0 | 2.0 | 2.0 |
| Total Dist. 5 | 2,850.1 | 2,812.6 | 2,787.0 |
| Total U.S. | 8,680.1 | 8,648.6 | 8,615.0 |

## REVISIONS

| | | | | |
|---|---|---|---|---|
| 10/07/83 | PAGE 1 | TOTAL REFINERY INPUT | IND., ILL., KY. | 1,876 |
| | | | DISTRICT 2 TOTAL | 2,807 |
| | | | TOTAL U.S. | 12,591 |
| | | | DISTRICTS 1-4 | 10,636 |
| | PAGE 3 | DISTILLATE FUEL | CENTRAL ATLANTIC | 42,144 |
| | | | DISTRICT 1 TOTAL | 69,835 |
| | | | TOTAL U.S. | 157,497 |
| | | | DISTRICTS 1-4 | 147,081 |

MILLIONS OF BARRELS

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

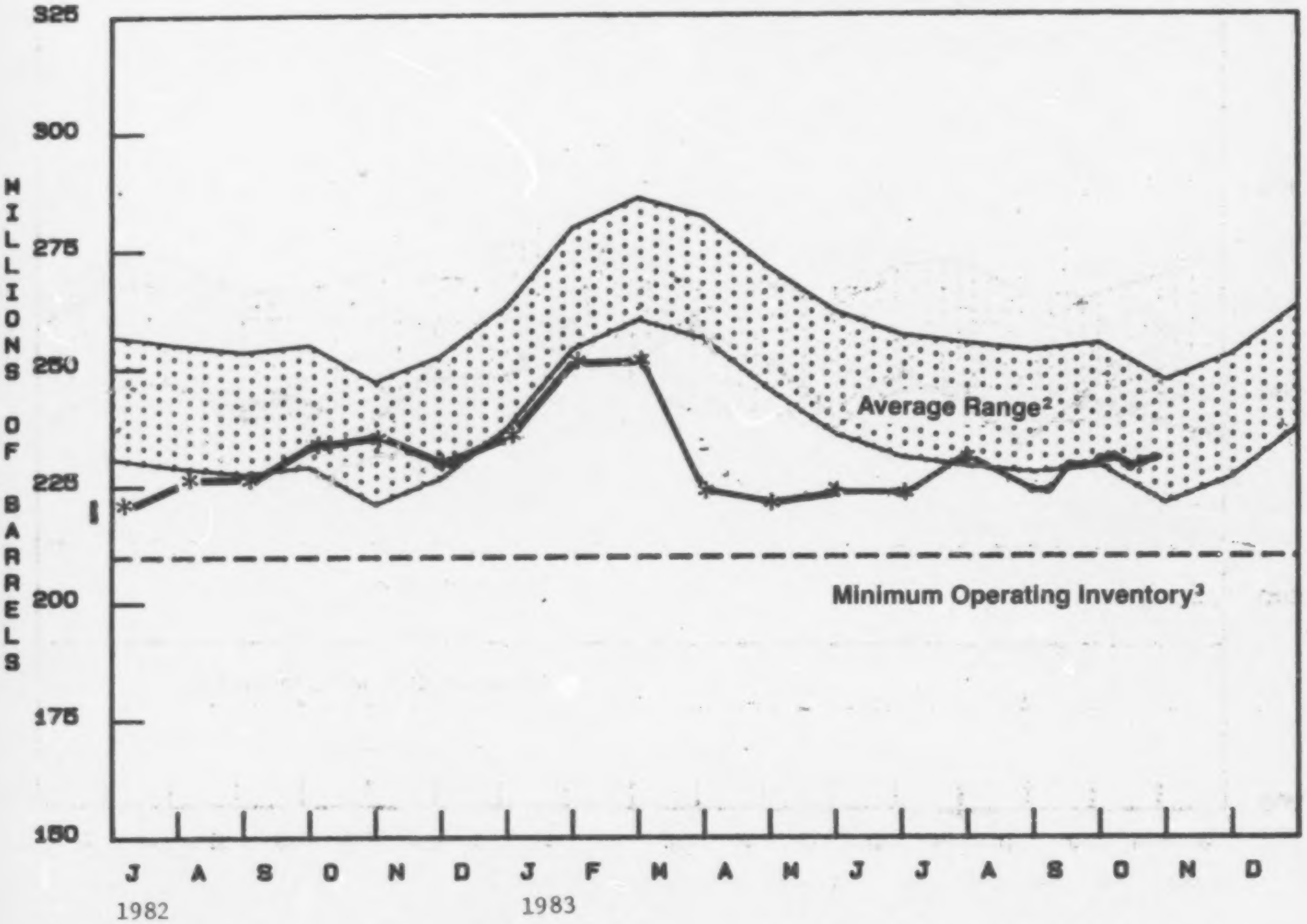
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended OCTOBER 14, 1983

## Motor Gasoline Stocks at Primary Level[1] [5]



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[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

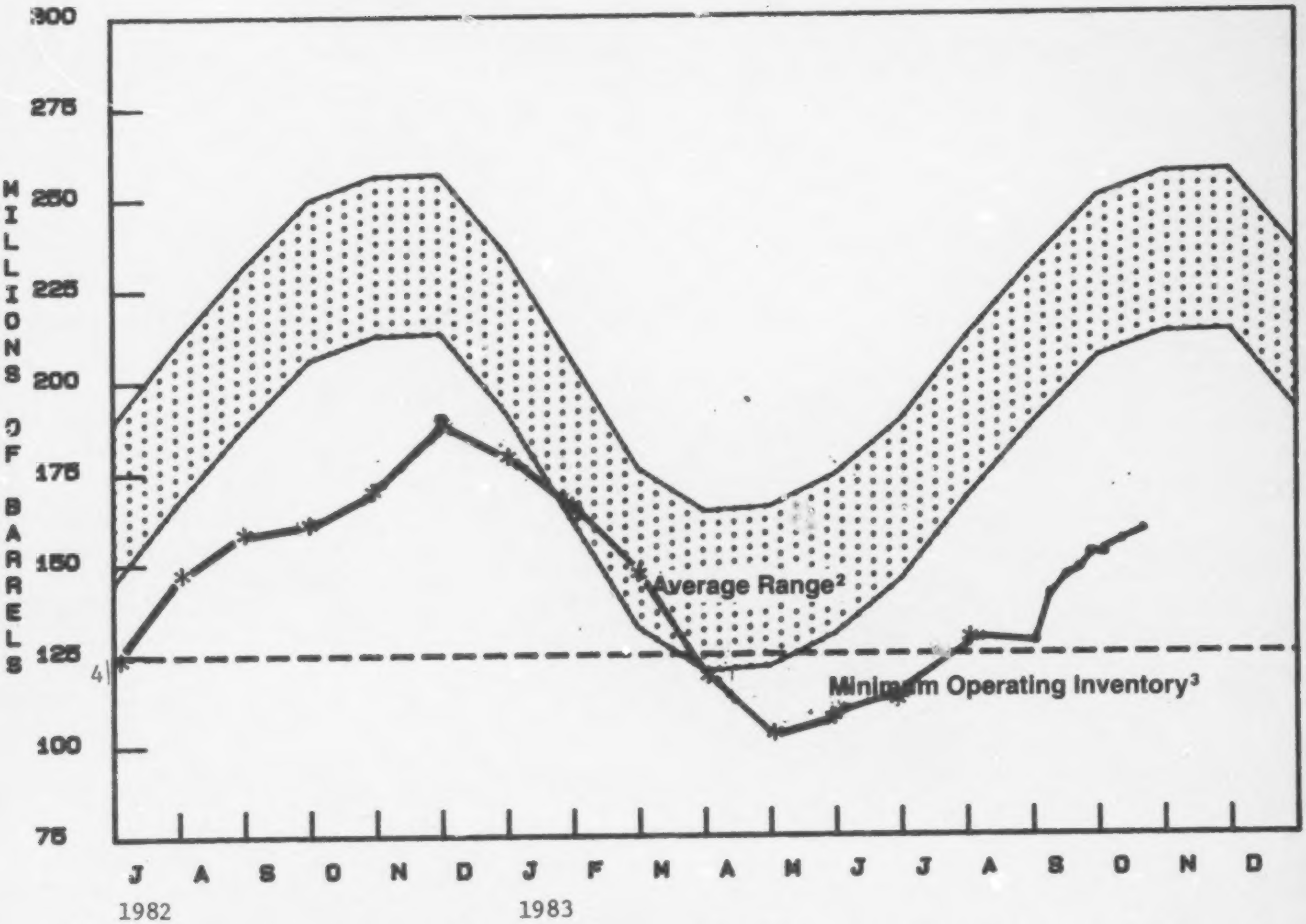
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended OCTOBER 14, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] 5



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

10/31/83
A2575-1

**American Petroleum Institute**
1220 L Street, Northwest
Washington, D.C. 20005

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** OCTOBER 21, 1983 **NO.** 42

## SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

| | Current Week Ending: 10/21/83 | Last Week Ending: 10/14/83 | Last Year Week Ending: 10/22/82 | Change From Last Week | Change From Last Year |
|---|---|---|---|---|---|
| **Refinery Operations** | | | | | |
| Input to crude oil distillation units * | 11,994 | 12,095 | 11,889 | - 101 | + 105 |
| Operable capacity | 16,309 | 16,309 | 16,663 | 0 | - 354 |
| Percent operated | 73.5 | 74.2 | 71.3 | | |
| **Motor Gasoline** | | | | | |
| Total motor gasoline production | 6,043 | 6,266 | 6,207 | - 223 | - 164 |
| Finished leaded motor gasoline production | 2,556 | 2,746 | N/A | - 190 | N/A |
| Finished unleaded motor gasoline production | 3,487 | 3,520 | N/A | - 33 | N/A |
| Total motor gasoline stocks | 229,790 | 230,076 | 233,194 | - 286 | - 3,404 |
| Finished leaded motor gasoline stocks | 95,095 | 97,056 | N/A | - 1,961 | N/A |
| Finished unleaded motor gasoline stocks | 94,818 | 94,460 | 96,769 | + 358 | - 1,951 |
| **Distillate Fuel Oil** | | | | | |
| Distillate fuel oil production | 2,728 | 2,637 | 2,890 | + 91 | - 162 |
| Distillate fuel oil stocks | 164,003 | 159,641 | 169,590 | + 4,362 | - 5,587 |
| **Residual Fuel Oil** | | | | | |
| Residual fuel oil production | 673 | 747 | 1,046 | - 74 | - 373 |
| Residual fuel oil stocks | 49,200 | 48,717 | 60,746 | + 483 | - 11,546 |
| **Imports** | | | | | |
| Crude oil imports | 3,674 | 3,340 | 3,758 | + 334 | - 84 |
| Product imports | 1,952 | 1,884 | 1,260 | + 68 | + 692 |
| **Crude Oil Stocks** | | | | | |
| Crude oil stocks | 349,980 | 350,524 | 351,321 | - 544 | - 1,341 |

* *SCHEDULED AND UNSCHEDULED SHUTDOWNS CAUSED A DECREASE OF* 167,000 *BBL. PER DAY IN THE TEXAS GULF COAST DISTRICT.*

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*Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code* (202) 682-8516

NA-Not Available

**American Petroleum Institute**
1220 L Street, Northwest
Washington, D.C. 20005

# weekly statistical bulletin

**STATISTICS DEPARTMENT**
**VOL.** 64 **For Week Ended** *OCTOBER* 21, 1983 **NO.** 42

## U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Refinery Input | Crude Oil Runs to Distillation Units | Input to Crude Oil Distillation Units | Operable Capacity | % Oper-ated |
|---|---|---|---|---|---|
| East Coast | 1,007 | 843 | 877 | 1,229 | 71.4 |
| Appal. No. 1 | 88 | 85 | 86 | 177 | 48.6 |
| **DISTRICT 1 TOTAL** | 1,095 | 928 | 963 | 1,406 | 68.5 |
| Appal. No. 2 | 65 | 63 | 64 | 66 | 97.0 |
| Ind., Ill., Ky. | 1,958 | 1,858 | 1,893 | 2,345 | 80.7 |
| Minn., Wis., Daks. | 199 | 192 | 197 | 296 | 66.6 |
| Okla., Kans., Mo. | 668 | 591 | 611 | 827 | 73.9 |
| **DISTRICT 2 TOTAL** | 2,890 | 2,704 | 2,765 | 3,534 | 78.2 |
| Inland Texas | 561 | 493 | 500 | 585 | 85.5 |
| Texas Gulf Coast | 3,297 | 2,882 | 3,034 | 3,907 | 77.7 |
| La. Gulf Coast | 1,951 | 1,858 | 1,873 | 2,890 | 64.8 |
| N. La. and Ark. | 189 | 174 | 186 | 286 | 65.0 |
| New Mexico | 95 | 75 | 77 | 105 | 73.3 |
| **DISTRICT 3 TOTAL** | 6,093 | 5,482 | 5,670 | 7,773 | 72.9 |
| **DISTRICT 4 TOTAL** | 424 | 421 | 426 | 536 | 79.5 |
| **DISTRICT 5 TOTAL** | 2,176 | 2,144 | 2,170 | 3,060 | 70.9 |
| **TOTAL U.S.** | 12,678 | 11,679 | 11,994 | 16,309 | 73.5 |
| **TOTAL U.S.** **Weeks Ended:** | | | | | |
| *OCT*. 14, 1983 | 12,630 | 11,844 | 12,095 | 16,309 | 74.2 |
| *OCT*. 22, 1982 | 12,813 | 11,522 | 11,889 | 16,663 | 71.3 |
| **DISTRICTS 1–4** **Weeks Ended:** | | | | | |
| *OCT*. 21, 1983 | 10,502 | 9,535 | 9,824 | 13,249 | 74.1 |
| *OCT*. 14, 1983 | 10,660 | 9,851 | 10,087 | 13,249 | 76.1 |
| *OCT*. 22, 1982 | 10,752 | 9,676 | 9,986 | 13,580 | 73.5 |

## U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil |
|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | |
| East Coast | 445 | 139 | 306 | 4 | 28 | 232 | 60 |
| Appal. No. 1 | 27 | 14 | 13 | 2 | -- | 28 | 4 |
| **DISTRICT 1 TOTAL** | 472 | 153 | 319 | 6 | 28 | 260 | 64 |
| Appal. No. 2 | 39 | 18 | 21 | -- | -- | 18 | 3 |
| Ind., Ill., Ky. | 1,042 | 463 | 579 | 13 | 132 | 387 | 42 |
| Minn., Wis., Daks. | 102 | 57 | 45 | 1 | 21 | 42 | 9 |
| Okla., Kans., Mo. | 428 | 224 | 204 | 12 | 17 | 170 | 12 |
| **DISTRICT 2 TOTAL** | 1,611 | 762 | 849 | 26 | 170 | 617 | 66 |
| Inland Texas | 311 | 153 | 158 | 28 | 21 | 130 | 19 |
| Texas Gulf Coast | 1,429 | 467 | 962 | 17 | 187 | 777 | 172 |
| La. Gulf Coast | 943 | 392 | 551 | 7 | 202 | 407 | 78 |
| N. La. and Ark. | 58 | 21 | 37 | 1 | -- | 55 | 9 |
| New Mexico | 32 | 15 | 17 | 3 | 1 | 25 | 2 |
| **DISTRICT 3 TOTAL** | 2,773 | 1,048 | 1,725 | 56 | 411 | 1,394 | 280 |
| **DISTRICT 4 TOTAL** | 199 | 129 | 70 | 10 | 14 | 112 | 9 |
| **DISTRICT 5 TOTAL** | 988 | 464 | 524 | 34 | 237 | 345 | 254 |
| **TOTAL U.S.** | 6,043 | 2,556 | 3,487 | 132 | 860 | 2,728 | 673 |
| **TOTAL U.S. Weeks Ended:** | | | | | | | |
| *OCT. 14, 1983* | 6,266 | 2,746 | 3,520 | 168 | 826 | 2,637 | 747 |
| *OCT. 22, 1982* | 6,207 | *N/A* | *N/A* | 179 | 849 | 2,890 | 1,046 |
| **DISTRICTS 1–4 Weeks Ended:** | | | | | | | |
| *OCT. 21, 1983* | 5,055 | 2,092 | 2,963 | 98 | 623 | 2,383 | 419 |
| *OCT. 14, 1983* | 5,338 | 2,339 | 2,999 | 127 | 637 | 2,304 | 479 |
| *OCT. 22, 1982* | 5,303 | *N/A* | *N/A* | 136 | 640 | 2,579 | 696 |

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[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2] Includes Grade No. 4 fuel oil.

NA-Not Available

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *OCTOBER* 21, 1983

## STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

| DISTRICT | Total Motor Gasoline[1] | Motor Gasoline | | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | Unfinished Oils |
|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Blending Components | Naphtha Type | Kerosine Type | | | |
| New England | 5,179 | 2,755 | 2,423 | 1 | 80 | 570 | 13,535 | 2,765 | -- |
| Central Atlantic | 29,209● | 11,900● | 12,230 | 5,079 | 239 | 5,037 | 44,378 | 17,967● | 15,336 |
| Lower Atlantic | 28,732● | 14,713● | 13,539● | 480 | 115 | 3,927 | 15,056 | 2,939 | 609 |
| **DISTRICT 1 TOTAL** | 63,120● | 29,368● | 28,192● | 5,560 | 434 | 9,534 | 72,969 | 23,671● | 15,945 |
| **DISTRICT 2 TOTAL** | 65,175● | 29,975 | 28,265● | 6,935 | 1,720 | 8,337● | 40,279 | 3,734 | 17,662 |
| **DISTRICT 3 TOTAL** | 68,377 | 23,829 | 26,702 | 17,846 | 2,701 | 11,727 | 37,390 | 12,855 | 53,175● |
| **DISTRICT 4 TOTAL** | 5,966 | 2,959 | 1,649 | 1,358 | 324 | 669 | 2,446 | 755 | 2,941 |
| **DISTRICT 5 TOTAL** | 27,152 | 8,964 | 10,010 | 8,178 | 1,902 | 6,042 | 10,919 | 8,185 | 23,593 |
| **TOTAL U.S.** | 229,790 | 95,095 | 94,818 | 39,877 | 7,081 | 36,309 | 164,003 | 49,200 | 113,316 |
| **TOTAL U.S.** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *OCT.* 14, 1983 | 230,076● | 97,056● | 94,460● | 38,560 | 6,870 | 36,161● | 159,641 | 48,717● | 113,216● |
| *OCT.* 22, 1982 | 233,194 | *N/A* | 96,769 | *N/A* | 6,295 | 34,140 | 169,590 | 60,746 | 114,396 |
| **DISTRICTS 1–4** | | | | | | | | | |
| **Weeks Ended:** | | | | | | | | | |
| *OCT.* 21, 1983 | 202,638 | 86,131 | 84,808 | 31,699 | 5,179 | 30,267 | 153,084 | 41,015 | 89,723 |
| *OCT.* 14, 1983 | 203,069● | 88,365● | 84,119● | 30,585 | 5,087 | 30,338● | 148,904 | 39,953● | 90,127● |
| *OCT.* 22, 1982 | 205,212 | *N/A* | 86,620 | *N/A* | 4,974 | 28,328 | 159,670 | 51,116 | 89,539 |

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7.*

NA-Not Available

## ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

| | Estimated Domestic Production[1] | | Crude Oil Imports[1] | | |
|---|---|---|---|---|---|
| **Weeks Ended:** | **API Monthly** | **Latest Dept. of Energy** *MAY* 1983 | **Total** | **From Canada** | **Crude Oil Stocks By Location[1]** |
| | Daily Average | | | | |
| **DISTRICTS 1-4 TOTAL** | | | | | |
| *OCT*. 21, 1983 | 5,836.0 | 5,828.0 | 3,401 | 273 | 262,425 |
| *OCT*. 14, 1983 | 5,836.0 | -- | 3,120 | 280 | 264,285● |
| *OCT*. 7, 1983 | 5,830.0 | -- | 3,063 | 237 | 265,874 |
| *SEP*. 30, 1983 | 5,830.0 | -- | 3,777 | 227 | 264,192 |
| **DISTRICT 5 TOTAL** | | | | | |
| *OCT*. 21, 1983 | 2,855.5 | 2,787.0 | 273 | 8 | 87,555 * |
| *OCT*. 14, 1983 | 2,855.5 | -- | 220 | -- | 86,239● |
| *OCT*. 7, 1983 | 2,850.1 | -- | 220 | -- | 83,576 |
| *SEP*. 30, 1983 | 2,850.1 | -- | 96 | 8 | 83,336 |

**INCLUDES* 30,403 *BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

| **TOTAL U.S.** | | | | | |
|---|---|---|---|---|---|
| *OCT*. 21, 1983 | 8,691.5 | 8,615.0 | 3,674 | 281 | 349,980 * |
| *OCT*. 14, 1983 | 8,691.5 | -- | 3,340 | 280 | 350,524● |
| *OCT*. 7, 1983 | 8,680.1 | -- | 3,283 | 237 | 349,450 |
| *SEP*. 30, 1983 | 8,680.1 | -- | 3,873 | 235 | 347,528 |
| *OCT*. 22, 1982 | 8,683.6/*A* | -- | 3,758 | 129 | 351,321 |

*/A - DOE ACTUAL FOR OCTOBER* 1982.

## LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

| **Location** | **District 1** | **District 2** | **District 3** | **District 4** | **Districts 1–4** | **District 5** | **Total U.S.** |
|---|---|---|---|---|---|---|---|
| **Weeks Ended:** | | | | | | | |
| *OCT*. 21, 1983 | 15,366 | 78,246 | 156,567 | 12,246 | 262,425 | 87,555 * | 349,980 * |
| *OCT*. 14, 1983 | 14,348 | 77,396● | 160,072● | 12,469 | 264,285● | 86,239● | 350,524● |
| *OCT*. 22, 1982 | 19,377 | 69,001 | 154,610 | 11,791 | 254,779 | 96,542 | 351,321 |

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[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7.

**API WEEKLY STATISTICAL BULLETIN**
**Week Ended** *OCTOBER* 21, 1983

## IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

| | Total Motor Gasoline[1] | Motor Gasoline | | Jet Fuel | | Distillate Fuel Oil[2] | Residual Fuel Oil | L.P.G. | Unfinished Oil[3] | Other | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Finished Leaded | Finished Unleaded | Naphtha Type | Kerosine Type | | | | | | |
| New England | 56 | 21 | 35 | -- | -- | 22 | 119 | -- | -- | -- | 197 |
| Central Atlantic | 159 | 79 | 80 | -- | 53 | 230 | 575 | 2 | 71 | 233 | 1,323 |
| Lower Atlantic | -- | -- | -- | -- | -- | -- | 84 | -- | -- | -- | 84 |
| **DISTRICT 1 TOTAL** | | | | | | | | | | | |
| *OCT*. 21, 1983 | 215 | 100 | 115 | -- | 53 | 252 | 778 | 2 | 71 | 233 | 1,604 |
| *OCT*. 14, 1983 | 199 | 43 | 156 | -- | 10 | 389 | 723 | 18 | 110 | 47 | 1,496 |
| *OCT*. 7, 1983 | 261 | 143 | 118 | -- | 37 | 228 | 744 | 5 | 86 | 118 | 1,479 |
| *SEP*. 30, 1983 | 261 | 146 | 115 | -- | 8 | 181 | 607 | 3 | 85 | 43 | 1,188 |
| **DISTRICTS 2–4 TOTAL** | | | | | | | | | | | |
| *OCT*. 21, 1983 | 3 | 3 | -- | -- | 6 | 20 | 56 | 62 | 87 | 44 | 278 |
| *OCT*. 14, 1983 | 3 | 3 | -- | -- | 6 | 20 | 36 | 40 | 10 | 144 | 259 |
| *OCT*. 7, 1983 | 3 | 3 | -- | -- | 6 | 15 | 27 | 99 | 116 | 39 | 305 |
| *SEP*. 30, 1983 | 34 | 34 | -- | -- | 10 | 3 | 27 | 96 | 99 | 55 | 324 |
| **DISTRICT 5 TOTAL** | | | | | | | | | | | |
| *OCT*. 21, 1983 | 20 | 10 | 10 | -- | 2 | 5 | 18 | 13 | 2 | 10 | 70 |
| *OCT*. 14, 1983 | 22 | 11 | 11 | -- | 2 | 4 | 47 | 15 | 19 | 20 | 129 |
| *OCT*. 7, 1983 | 28 | 17 | 11 | -- | 2 | 5 | 26 | 8 | 2 | 10 | 81 |
| *SEP*. 30, 1983 | 43 | 22 | 21 | -- | 3 | 5 | 54 | 14 | 8 | 37 | 164 |
| **TOTAL U.S.** | 238 | 113 | 125 | -- | 61 | 277 | 852 | 77 | 160 | 287 | 1,952 |
| **TOTAL U.S.**<br>**Weeks Ended:** | | | | | | | | | | | |
| *OCT*. 14, 1983 | 224 | 57 | 167 | -- | 18 | 413 | 806 | 73 | 139 | 211 | 1,884 |
| *OCT*. 7, 1983 | 292 | 163 | 129 | -- | 45 | 248 | 797 | 112 | 204 | 167 | 1,865 |
| *SEP*. 30, 1983 | 338 | 202 | 136 | -- | 21 | 189 | 688 | 113 | 192 | 135 | 1,676 |
| *OCT*. 22, 1982 | 167 | *N/A* | 71 | 16 | 14 | 124 | 706 | 140 | 76 | 7 | 1,260 |

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[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Includes Grade No. 4 fuel oil.

[3] See definitional notes, Page 6.

NA-Not Available

## DEFINITIONAL NOTES

### Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

### Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

### Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

#### Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

#### Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

### Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

## INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

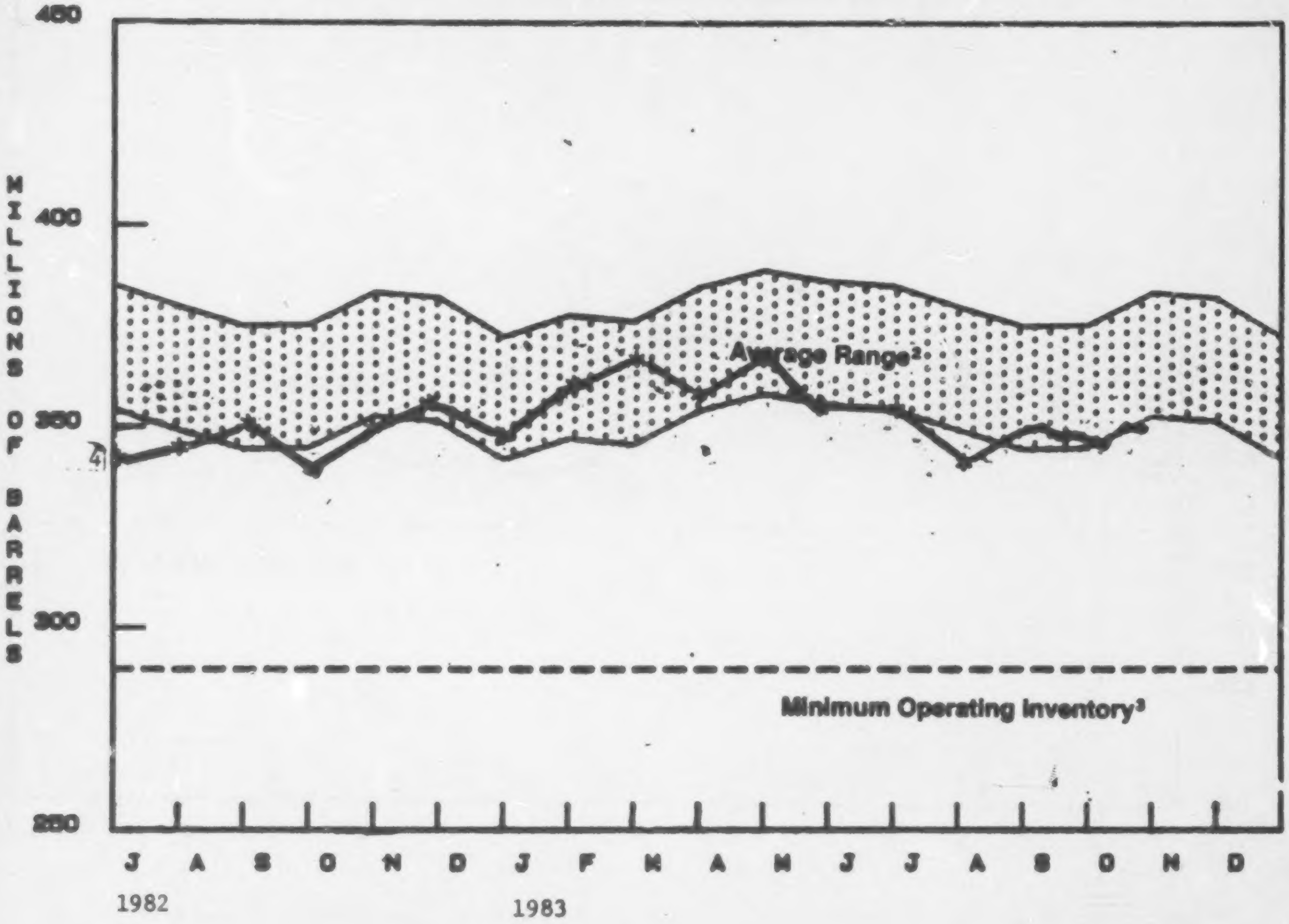
10/14/83

## REVISIONS

| | | | |
|---|---|---|---|
| PAGE 3 | TOTAL MGAS | CENTRAL ATLANTIC | 30,763 |
| | | LOWER ATLANTIC | 28,070 |
| | | DISTRICT 1 TOTAL | 64,564 |
| | | DISTRICT 2 TOTAL | 65,309 |
| | | TOTAL U.S. | 230,076 |
| | | DISTRICTS 1-4 | 203,069 |
| | LEADED MGAS | CENTRAL ATLANTIC | 13,350 |
| | | LOWER ATLANTIC | 14,616 |
| | | DISTRICT 1 TOTAL | 30,958 |
| | | TOTAL U.S. | 97,056 |
| | | DISTRICTS 1-4 | 88,365 |
| | UNLEADED MGAS | LOWER ATLANTIC | 13,025 |
| | | DISTRICT 1 TOTAL | 28,226 |
| | | DISTRICT 2 TOTAL | 29,476 |
| | | TOTAL U.S. | 94,460 |
| | | DISTRICTS 1-4 | 84,119 |
| | KEROSINE JET | DISTRICT 2 TOTAL | 7,802 |
| | | TOTAL U.S. | 36,161 |
| | | DISTRICTS 1-4 | 30,338 |
| | RESIDUAL FUEL | CENTRAL ATLANTIC | 17,189 |
| | | DISTRICT 1 TOTAL | 22,915 |
| | | TOTAL U.S. | 48,717 |
| | | DISTRICTS 1-4 | 39,953 |
| | UNFINISHED OILS | DISTRICT 3 TOTAL | 53,565 |
| | | TOTAL U.S. | 113,216 |
| | | DISTRICTS 1-4 | 90,127 |
| PAGE 4 TOP | CRUDE OIL STOCKS | DISTRICTS 1-4 TOTAL | 264,285 |
| | | DISTRICT 5 TOTAL | 86,239 |
| | | TOTAL U.S. | 350,524 |
| PAGE 4 BOTTOM | TOTAL | PAD DISTRICT 2 | 77,396 |
| | TOTAL | PAD DISTRICT 3 | 160,072 |
| | TOTAL | TOTAL PAD DISTRICTS 1-4 | 264,285 |
| | TOTAL | PAD DISTRICT 5 | 86,239 |
| | TOTAL | TOTAL U.S. | 350,524 |

Week Ended October 21, 1983

## Crude Oil Stocks at Primary Level[1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

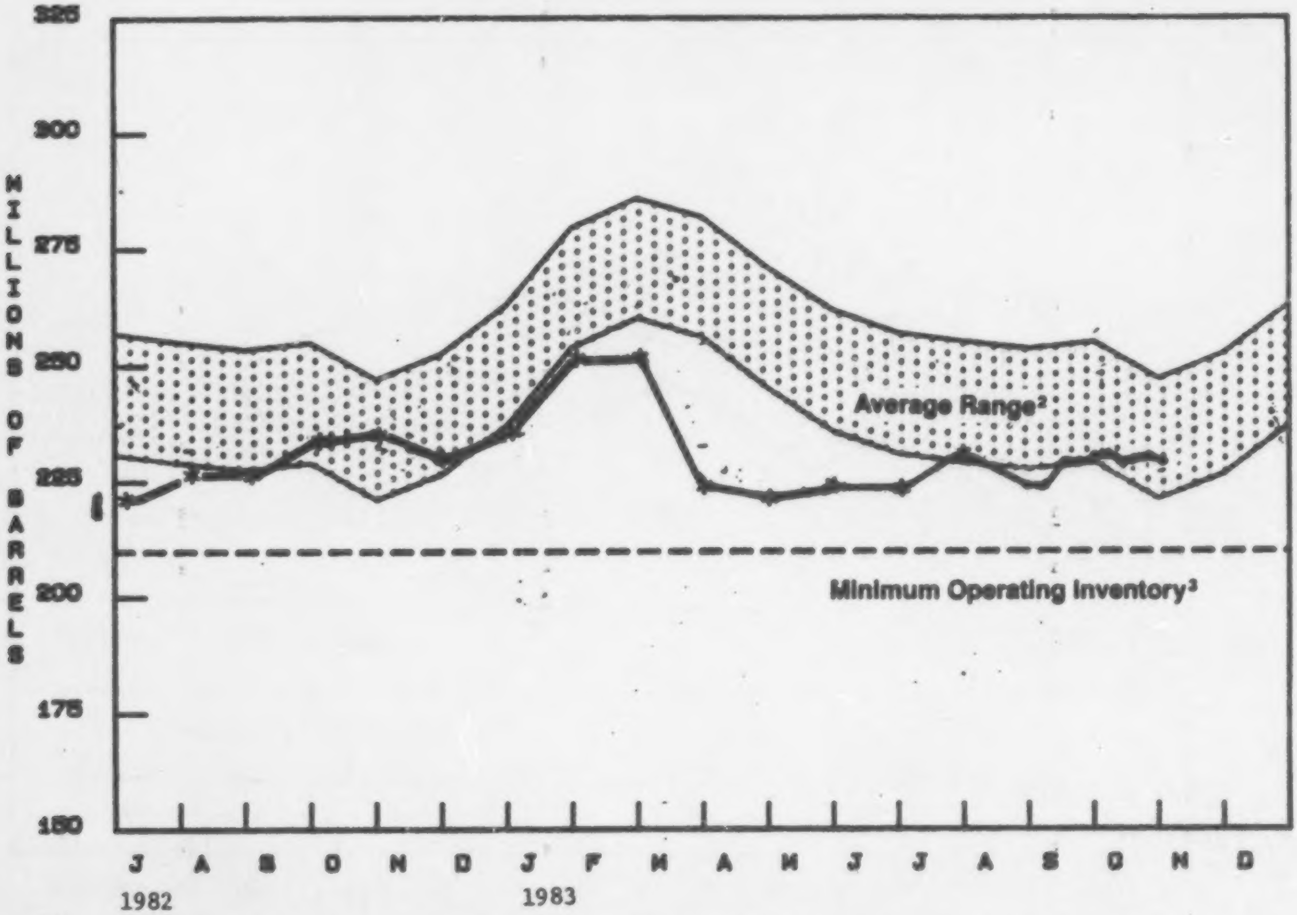
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended October 21, 1983

## Motor Gasoline Stocks at Primary Level[1, 5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

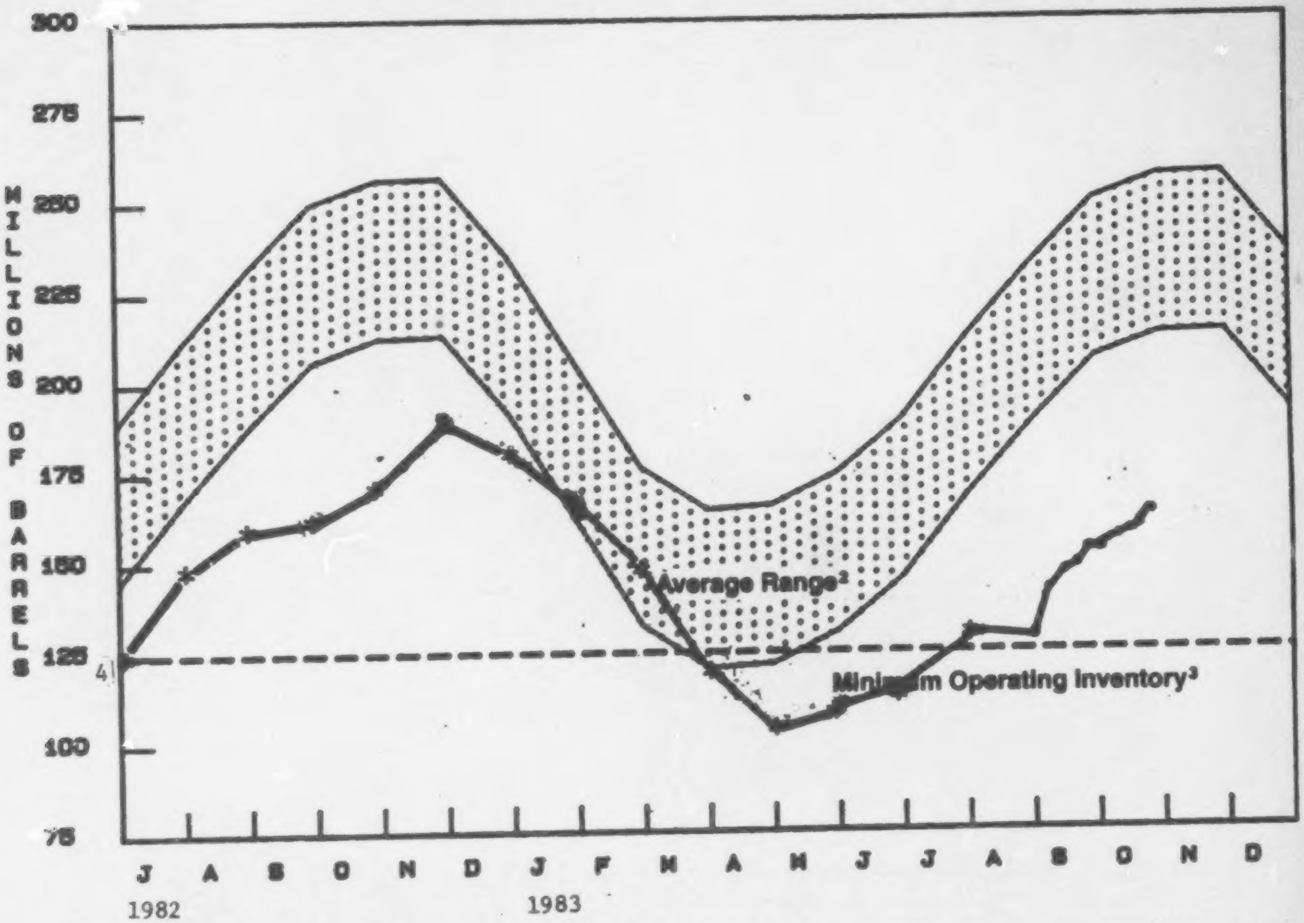
[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended October 21, 1983

## Distillate Fuel Oil Stocks at Primary Level[1] 5



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3] The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4] Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5] The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating unit and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.